@grade_nine_help

# Task 4 (computer science)

**@lmsgrade**

```python
choice=input("enter your choice")
if choice=="1":
    print("THE HOPE PROBE CONTROL SYSTEM")
    print("Instruments")
    print("Three instruments have been designed to Martian Atmosphere ")
    print(" * Emirates Mars Infrared Spectrometer(EMIRS)")
    print(" * EMIRATES EXPLORATION IMAGER(EXI)")
    print(" * EMIRATES MARS ULTRAVIOLET SPECTROMETER(EMUS)")


elif choise=="2" :
    print("THE HOPE PROBE CONTROL SYSTEM")
    print("Launch-Vehicle Stages")
    for ch in 1, 2, 3:
        print("1 - First Stage")
        print("2 - Soli Rocket Booster (SRB-A) ")
        print("3 - Second Stage ")
        ch=input("please enter your choise:")
        if(ch==1):
        print(" The first stage of the H-IIA rocket system is made up of a high-performance LE-7A engine, an engine section, a propulsion system tank
        elif (ch ==2) :
            print("The Solid Rocket Boosters (SRB-A) supplement the total thrust by firing for approximately 100 seconds from liftoff. The two Solid Rock
        else:
            print("The second stage comprises a LE-5B engine, a propulsion system tank that is charged with liquid hydrogen and liquid oxygen and on-boar
```

charged with liquid hydrogen and liquid oxygen, a centre section connecting the tanks, and an inter-stage section connecting the first and second stages")

et Boosters are attached to the first stage. ")

d electronic devices. The LE-5B engine in the second stage can be fired up to three times.")

Write the same , you can copy it from here ↓

```python
choice=input("enter your choice")
if choice=="1":
    print("THE HOPE PROBE CONTROL SYSTEM")
    print("Instruments")
    print("Three instruments have been designed to Martian Atmosphere ")
    print(" * Emirates Mars Infrared Spectrometer(EMIRS)")
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    print(" * EMIRATES MARS ULTRAVIOLET SPECTROMETER(EMUS)")

elif choise=="2" :
    print("THE HOPE PROBE CONTROL SYSTEM")
    print("Launch-Vehicle Stages")
    for ch in 1, 2, 3:
        print("1 - First Stage")
        print("2 - Soli Rocket Booster (SRB-A) ")
        print("3 - Second Stage ")
        ch=input("please enter your choise:")
        if(ch==1):
            print(" The first stage of the H-IIA rocket system is made up of a
high-performance LE-7A engine, an engine section, a propulsion system tank
charged with liquid hydrogen and liquid oxygen, a centre section connecting the
tanks, and an inter-stage section connecting the first and second stages")
        elif (ch ==2) :
            print("The Solid Rocket Boosters (SRB-A) supplement the total thrust
by firing for approximately 100 seconds from liftoff. The two Solid Rocket
Boosters are attached to the first stage. ")
        else:
            print("The second stage comprises a LE-5B engine, a propulsion system
tank that is charged with liquid hydrogen and liquid oxygen and on-board
electronic devices. The LE-5B engine in the second stage can be fired up to three
times.")
```

Right click and run

| | |
|---|---|
| 💡 Show Context Actions | Alt+Enter |
| 📋 Paste | Ctrl+V |
| Paste from History... | Ctrl+Shift+V |
| Column Selection Mode | Alt+Shift+Insert |
| Find Usages | Alt+F7 |
| Refactor | |
| Folding | |
| Go To | |
| ▶ Run 'Task4' | Ctrl+Shift+F10 |
| 🐞 Debug 'Task4' | |
| 🐞 Step Through 'Task4' | |
| 🐍 Edit 'Task4'... | |
| Show in Explorer | |
| File Path | Ctrl+Alt+F12 |
| ⏩ Open in Terminal | |
| Local History | |
| Execute Line in Python Console | Alt+Shift+E |
| 🐍 Run File in Python Console | |
| ⊙ Create Gist... | |

Run:   🐍 CP3 ✕    🐍 Task4 ✕

```
enter your choice1
THE HOPE PROBE CONTROL SYSTEM
Instruments
Three instruments have been designed to Martian Atmosphere
    * Emirates Mars Infrared Spectrometer(EMIRS)
    * EMIRATES EXPLORATION IMAGER(EXI)
    * EMIRATES MARS ULTRAVIOLET SPECTROMETER(EMUS)

Process finished with exit code 0
```

▶ 4: Run    🐞 5: Debug    ⏩ Terminal    🐍 Python Console

## 1. Project description

We have to add a program that must list the three instruments when the user chooses display instruments option, and we have 3 things we have to add it in our program :
We have to add menu that keeps repeating in the program
We have to make a submenu
We must display a list .
And that's it for this task programming.

## 3. What went well?

All the program went well because of the team work and following the instructions, also the programming was so cheerful in multiple colors.

## 4. How could you make your program better?

improve format sentences.

Have you completed the following for your Hope Probe Control System

| Task | Done? | Comment |
|------|-------|---------|
| 1. Prints a list of stages when the user selects the launch-vehicle stages. | ☑ | |
| 2. Asks the user to choose the stage they want | ☑ | |
| 3. Print some brief information for each selected stage. | ☑ | |
| 4. Designs conditional statements | ☑ | |
| 5. Used a for loop | ☑ | |
| 6. Used a range() function | ☑ | |
| 7. Checked the maximum number of stages | ☑ | |
| 8. Designed conditional statements | ☑ | |

```
start

choice =
input("choose
your option:")

if
choice
=="1":

elif
(choise==
"2"):

print("THE HOPE
PROBE
CONTROL
SYSTEM")

print("Instrum
ents")

print(" * Emirates
Mars Infrared
Spectrometer(EM
1RS)")

print("Three
instruments have
designbeened
…")

print(" * EMIRATES
MARS ULTRAVIOLET
SPECTROMETER(EM
US)")

print(" *
EMIRATES
EXPLORATION
IMAGER(EXI)")

else:

elif(ch
oice==
"2"):

print("The
second
stage

print("The
Solid
Rocket…")

print("The first
stage of
the…")

End

if(ch==
"1"):

ch=input("Plea
se enter your
choise:")

print("3 -
Second Stage
")

for ch in
range
(1, 3, 1):

print("2 - Solid
Rocket Booster
(SRB-A) ")

print("THE HOPE
PROBE CONTROL
SYSTEM")

print("Launch
-Vehicle
Stages")

print("1 -
First Stage")
```