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 Boolean Python Algorithm

1/1 : الواجب

:10 جلوس

Ali is programming a game and he needs to store score values. Help Ali in deciding which data type he should use to store score example shown below.

Data type	Variable examples	Constant examples
?	Score = 75	Const Max_Score = 100

 String Float Integer

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Data type	Variable examples	Constant examples
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1/1 : الدرجة

سؤال 3

What kind of programming software is used to create a sample program as shown in the picture below?

```
# Arduino Sketch "SerialMaker_DHT.ino" Must Be Uploaded First
import time
from IBSerial import *
import IBSerial as IBmaker

IBmaker.Open_Port("COM3", "115200") # open the COM port
IBmaker.PinMAP("MAKER")           # map pinMode
IBmaker.begin("V0.00")           # or "V1.00"

clockPin = 12
latchPin = 2
dataPin = 1

pinMode(A9, INPUT)
pinMode(clockPin, OUTPUT)
pinMode(latchPin, OUTPUT)
pinMode(dataPin, OUTPUT)
```

text-based programming software

visual programming software

flowchart generator



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flowchart generator

1/1 : الدرجة //

سؤال 4 :

The rule of spelling and
grammar in a programming
language is called _____.

syntax

layout

table design

1/1 : الدرجة //

سؤال 5 :

Mistakes in programming
commands or logic are called



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indentations

errors/bugs

interfacing

1/1 : الدرجة

: سؤال 6

Making changes in a program
to correct errors is called

_____.

testing

planning

debugging

1/1 : الدرجة

: سؤال 7

A sample program in the



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planning ✓ debugging

1/1 : الدرجة

سُؤال 7 :

A sample program in the picture below is an example of selection programming construct. What will be an output of this program?

```
1. A = 10
2. B = 5
3. if (A>B):
4.     print("A is greater than B")
5. else:
6.     print("B is greater than A")
```

B is greater than A ✓ A is greater than B A=10 



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الدرجة : 1/1

سؤال 5:

Mistakes in programming commands or logic are called

¹ See also the discussion in the previous section.

indentations

✓ errors/bugs

interfacing

الدرجة : 1/1

سؤال 6:

Making changes in a program
to correct errors is called

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testing

planning



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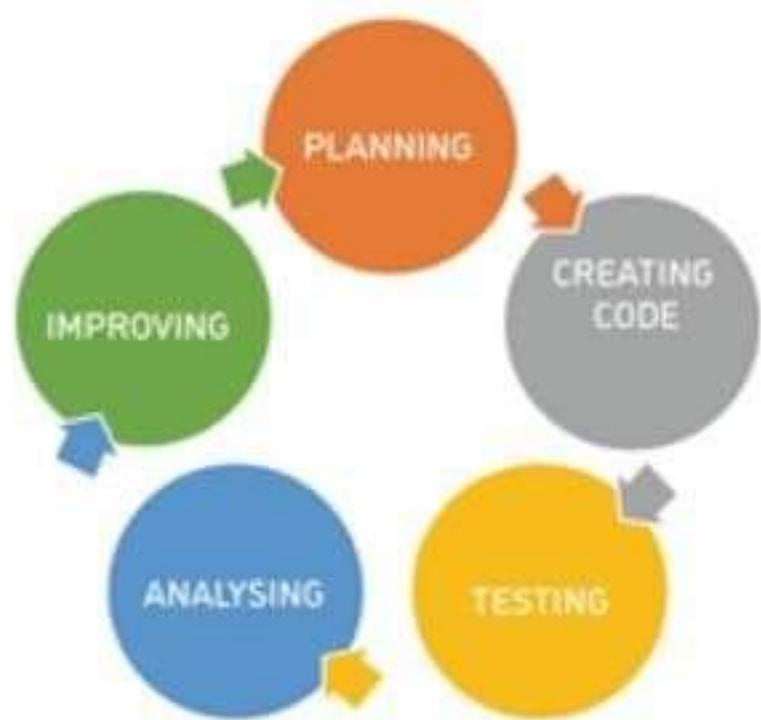


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1/1 : الدرجة

سؤال 2

What kind of process uses the following flow of work shown in the picture below?



decision tree

computer assembling

✓ computer programming

1/1 : الدرجة

السؤال 3



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Select the correct output of a sample program shown in the picture below.

```
1 B=1
2 for A in range(1,3):
3     print(A)
4
5 while B<4:
6     B=B +1
7     print(B)
```

1
2
3
4
5
6
2

1
2
3
4
2
3
4

1
2
3

