G8 - CA1 Checkpoint

✔Boolean ⦿

Python ◯

Algorithm ◯

الدرجة : 1/1   سؤال 10:

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 ⦿

✓Boolean ⦿

Python ○

Algorithm ○

الدرجة : 1/1   سؤال 10:

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✓Integer ⦿

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✕

الدرجة : 1/1   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 ⚪

flowchart generator ○

سؤال 4: الدرجة : 1/1

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

_____.

✓syntax ◉

layout ○

table design ○

سؤال 5: الدرجة : 1/1

Mistakes in programming commands or logic are called

indentations ⚪

✔errors/bugs 🔘

interfacing ⚪

الدرجة : 1/1   سؤال 6:

Making changes in a program to correct errors is called

_____.

testing ⚪

planning ⚪

✔debugging 🔘

الدرجة : 1/1   سؤال 7:

A sample program in the

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planning ◯

✔ debugging ◯

الدرجة : 1/1   سؤال 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

_____.

indentations ⚪

✔errors/bugs ⚫

interfacing ⚪

الدرجة : 1/1   سؤال 6:

Making changes in a program to correct errors is called
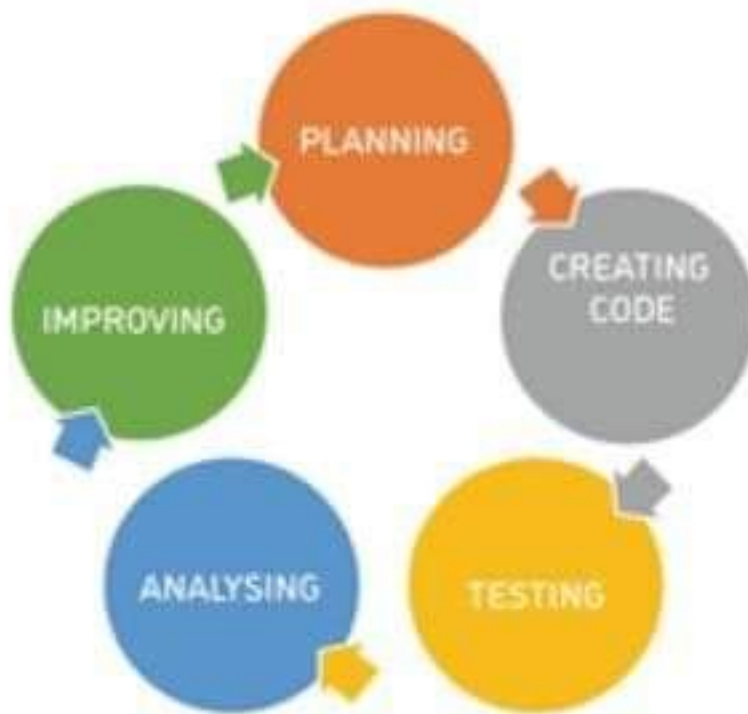
_____.

testing ⚪

planning ⚪

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الدرجة : 1/1   سؤال 2:

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

decision tree ◯

computer assembling ◯

✓computer programming ◉

الدرجة : 1/1   سؤال، 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

✓ ○