

Hadhramout University College of Computers & Information Technology



Muna Majdi Marai

First test Academic Year 2022 - 2023

Date/Day: Level: Level1

Specialization: Information Technology (IT) General Course: Computer Programming

Examiner: Dr. Wafa Zubair Al-Dayni Time: 1 hour

Form: B

Answer all questions after reading it carefully

- 1) Put $(\sqrt{)}$ or (X) in front the following statements:
- 1, (X) Imperative and functional are the only major programming paradigms.
- 2. (اعملية الترجمة) Python programming language uses Complier for the translation process (عملية الترجمة).
- 3. (X) Assembly is a multi-paradigm programming language.
- A (\checkmark) (10 >= 2) and (6 > 14) \rightarrow False
- 5. (X) Design stage is the longest stage in SDLC.
- 2) Write a program to read the weight (عديد) of Iron (حديد) in Kilograms (Kg) as an integer. Then, convert (طن) it into Tons (طن) and print it. (1 Ton = 1000 Kg) في الخلف
 - 3) Find the output of the following program: (Consider (أفترض) that the user entered num1 = 10.6 and num2 = 4.4)

 $num1 = float (input ("Enter the first number \n"))$

 $num2 = float (input ("Enter the second number \n"))$

result2 = num1 + num2

result2 += 5

result1 = 40

5

print (f'result2 = {result2} and result1 = {result1}")

result2 *= result2 / 100

print (f'result2 = {result2}")

Enter the first number

10.6

Enter the second number

result 2= 20 and result 1= 40

result2=4

2) weight = int (input ("Enter the weight of iron in kilo grams:"))

Ton = weight / 1000

print (s" The weight in ton = £Ton?")

5

Excellent

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rel: <u>Level</u> ecializatio ne: I hour	n: Computer Sciences	Date/Day: Course: Computer Programming
wer all qu	estions after reading it carefully	Sava lutti Bettagia.
A. In ge B. prog	ram code to a machine language (0,1). clesish stage of SDLC the devuage to build the application.	categorized (تصنف) into three categories: grage, and المراجع المعاملة المعاملة إلى المعاملة المعام
3) Find	Write a program to read the age of thre rage of them. the output of the following program: ler (أفترض) that the user entered num1 =	ee employees (موظنین). Then, find and print = 8 num2 = 2 option = "option2")
num1 = num2 = option if option result result else:	= int (input ("Enter the first number \n")) = int (input ("Enter the second number \n")) = input ("Enter your option \n") on = "option1": It1 = num1 + num2 It2 = num2 - num1	Enter the first number Enter the second number Z Enter gour option option 2

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College of Computers & Information Technology



First test Academic Year 2022 - 2023

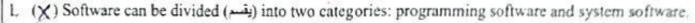
Level: Level 1 Date/Day:

Specialization: Information Technology (IT) General Course: Computer Programming

Time: 1 hour Examiner: Dr. Wafa Zubair Al-Dayni Form: A

nswer all questions after reading it carefully

Put (√) or (X) in front the following statements:



- (X) Assembly programming language uses variables to name (شموة) the memory locations.
- 3. () Python is a programming language that uses human language to write the program's source code
- 4. (√) 10 * 2 < 6 + 14 → False
- (X) Complier translate (بنرجم) and execute (بند) the source code line by line.
 - 2) Write a program to read the weight (وزن) of a person in Kilogram (Kg) as float. Then convert (عوله) it into Gram (g) and print it. (1 Kg = 1000 g)
 - 3) Find the output of the following program:

(Consider (أفترض) that the user entered num I = 8.6 and num2 = 2.6)

num1 = float (input ("Enter the first number \n"))

num2 = float (input ("Enter the second number \n"))

- result1 = num1 num2 60 26 -
- [result] *= 2 . 6.0 * 2 = $\frac{818}{12}$ 0

result2 = 10

print (f'result1 = (result1) and result2 = (result2(")

• result2 *= result2 + (result1 % 3)

print (f"result2 = {result2}")

8 1

6.7.3

350

Enter the second number 2.6

12.0 Fresult = 12.0 and result 1.1

vesuite=10

3

4

6

Time, 30 Minutes

Find the output of the following programs:

$$n = 0$$

 $s = 0$
while $n \le 50$:
if $n \% 15 = 0$:
print(n)
 $s += n$
 $n += 1$
print(f'Total = {s}'')

2)

m = 0 for i in range (80, 20, -20): m +=i s = m // 4 print(i)

 $print(f''m = \{m\} \text{ and } s = \{s\}'')$



Hadhramout University College of Computers & Information Technology



Sava Cutti Belforgia

First Quiz Academic Year 2022 - 2023

Level: Level 1

Date/Day:

Specialization: Computer Sciences

ciences Cou

Course: Computer Programming

Time: 30 Minutes

Examiner: Dr. Wafa Zubair Al-Dayni

Find the output of the following programs:

(1

num = 5

while num <= 30:

if num == 25:

print("My Bad")

break

print(num)

num += 5

50 10 15 20 5

(+

2)

s = 0

m = 1

for i in range:(5-,15,2)

if i % 2 == 0:

s += i

print(i)

else:

m +=i

print(i)

 $print(f''s = \{s\} \text{ and } m = \{m\}'')$

-5

My Bad

-3

-1

1

2

5

7

9

11

13

5 = 0 and m = 41



First Quiz Academic Year 2022 - 2023

Level: Level 1

Time: 30 Minutes

Specialization: Information Technology (General)

Date/Day: Course: Computer Programming

Examiner: Dr. Wafa Zubair Al-Dayni

Form: A

Find the output of the following programs:

(1

$$n = 0$$

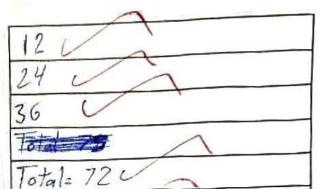
$$s = 0$$

while n <= 40:

print(n)

$$s += n$$

print(f'Total = (s)")



$$m = 1$$

for i in range: (10,100,35):

$$s = m // 2$$

print(i)

print(f'm = $\{m\}$ and s = $\{s\}$ ")

