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|  | NATIONAL UNIVERSITY  OF COMPUTER & EMERGING SCIENCES  PESHAWAR CAMPUS | \\192.168.1.10\Software\Logos\Mono-Final-2.jpg |

**Quize # :** 02 **Semester :** Spring 2018

**Course :** CS01 Introduction to Computing **Instructor :** Shakir

**Name** **:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date :** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Roll No.** **:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Signature :** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What does this code print?

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| S# | Code | Output |
| 1 | a **=** 0  **for** i **in** range(10):  a **+=** 1  **for** j **in** range(10):  a **+=** 1  print(a) | 20 |
| 2 | i = 5  while True:  if i%9 == 0:  break  print i,  i+= 1 | 5 6 7 8 |
| 3 | count = 0  while count < 5:  print count, " is less than 5"  count = count + 1  else:  print count, " is not less than 5" | 0 is less than 5  1 is less than 5  2 is less than 5  3 is less than 5  4 is less than 5  5 is not less than 5 |

1. Write a program that find the sum of digits in a decimal number e.g. n=532 then sum of digits = 5+3+2=100

solution:

n=532

sum=0

while n:

sum+=n%10

n//=n/10