Execise 5

Determine the output displayed

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| 1 | num = 4  if num <= 9:  print("Less than ten.")  elif num == 4:  print("Equal to four.") |
| 2 | gpa = 3.49  result = ""  if gpa >= 3.5:  result = "Honors"  print(result + "Student") |
| 3 | print('a+b' < 'b+c') |
| 4 | print('a\*b' < 'b\*c') |
| 5 | a = 5  b = 7  sentence = ""  if ((5 \* a) – 2\*b + 4) <= (3\*b-1):  sentence = "Remember,"  print(sentence + "tomorrow is New Year's Day.") |
| 6 | change = 356  if change >= 100:  print("Your change contains", change // 100, \ "dollars.")  else:  print("Your change contains no dollars.") |
| 7 | a = 2  b = 3  c = 7  if (a \* b) < c:  b = a  else:  c = a+b+c  print(a, b, c) |
| 8 | print(3 + 2, 3 – 2, 3 \* 2) |
| 9 | print(8 / 2, 8 \*\* 2, 2 \* (3 + 4)) |
| 10 | a = 5  if (a > 2) and ((a == 3) or (a < 7)):  print("Hi") |
| 11 | print(6+(5>3)) |

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| 12 | number = 5  if number < 0:  print("negative")  else:  if number == 0:  print("zero")  else:  print("positive") |
| 13 | if "spam":  print("A nonempty string is true.")  else:  print("A nonempty string is false.") |
| 14 | if "":  print("An empty string is true.")  else:  print("An empty string is false.") |
| 15 | x = 35 if x > 10:       print("a")       if x > 20:              print("aaa")              if x > 30:                    print("aaaa")       else:              print("a") else:       print("aa") |
| 16 | x = 'Hello'  y = 'World'  z =1  var1 = 'Good Morning'  var2 = '%s %s %d' % (x, y, z)  var3 = '{} {} {}'.format (x, y, z)  var4 = f'{x} {y} {z}'  print('var1 = ' , var1)  print('var2 = ' , var2)  print('var3 = ' , var3)  print('var4 = ' , var4) |
| 17 | print('Score = {1}, averate = {0}, std = {2}') |
| 18 | print("Merry x'Mas") |
| 19 | print('Merry x\'mas') |
| 20 | print('"Merry x\'mas"') |
| 21 | print('\ "Merry X\'mas" ') |
| 22 | var\_jane='hello'  var\_kate= 12  var\_pete =23.1  print(f' a is {var\_jane}, '  f' b is {var\_kate}, '  f' c is {var\_pete}') |
| 23 | var1 = 'hello'  var2 = 'wold'  print(f'{var1} {var2}') |
| 24 | x = input('input a string : ')  y = input('input another number : ')  print(x+y) |
| 26 | x = 'Good Morning!!!'  print('h' in x)  print('n' in x)  print('N' in x) |
| 27 | x = 5  x += 2  print(x)  x -= 3  print(x)  x \*= 2  print(x)  x /= 2  print(x) |
| 28 | # print integer and float value  print("Geeks : % 2d, Portal : % 5.2f" %(1, 005.3333))    # print integer value  print("Total students : % 3d, Boys : % 2d" %(240, 120))    # print octal value  print("% 7.3o"% (25))    # print exponential value  print("% 10.3E"% (356.08977)) |
| 29 | |  | | --- | | # using format() method  print('I love {} for "{}!"'.format('Geeks', 'Geeks'))    print('{0} and {1}'.format('Geeks', 'Portal'))    print('{1} and {0}'.format('Geeks', 'Portal')) | |