**String**

1. What is the output of the following code?

**print (len(“Kompyuter-5”))**

1. 9 b)10 c)11 d) Error: invalid syntax
2. What is the output of the following code?

**str = “Kompyuter-5”**

**print (str[3], str[-3])**

1. p e b) m r c) p r d)m e
2. What is the output of the following code?

**str = “Kompyuter-5”**

**print (str[6:9])**

a)er- b)er-5 c)ter d)ter-

1. What is the output of the following code?

**str = “Kompyuter-5”**

**print (str[:3])**

1. Kom b)Kompy c)pyuter-5 d) mpyuter-5
2. What is the output of the following code?

**str = “Kompyuter-5”**

**print (str[3:])**

a Kom b)Kompy c)pyuter-5 d) mpyuter-5

1. What is the output of the following code?

**str="Knowledge"**

**print(str.upper())**

1. kNOWLEDGE b) KNOWLEDGE c)knowledge d) SyntaxError
2. What is the output of the following code?

**str="Knowledge"**

**print(str.lower())**

1. kNOWLEDGE b) KNOWLEDGE c)knowledge d) SyntaxError
2. What is the output of the following code?

**str="Knowledge"**

**print(str.swapcase())**

1. kNOWLEDGE b) KNOWLEDGE c)knowledge d) SyntaxError

1. What is the output of the following code?

**str="Knowledge"**

**print(str.isupper())**

**str="KNOWLEDGE"**

**print(str.isupper())**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="knowledge"**

**print(str.islower())**

**str="Knowledge"**

**print(str.islower())**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="Knowledge 50"**

**print(str.isalpha())**

**str="Knowledge"**

**print(str.isalpha())**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="2022"**

**print(str.isdigit())**

**str="2022year"**

**print(str.isdigit())**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="2022"**

**print(str.isalnum())**

**str="2022year"**

**print(str.isalnum())**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="Knowledge"**

**print(str.startswith("Know"))**

**str="Knowledge "**

**print(str.startswith("K"))**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="Knowledge"**

**print(str.endswith("E"))**

**str="Knowledge "**

**print(str.endswith("e"))**

a)True False b)False True c)True True d)False False

1. What is the output of the following code?

**str="Knowledge"**

**print(str.index("e"))**

a)6 b) 5 c) 6 9 d) 5 8

1. What is the output of the following code?

**str="Knowledge"**

**print(str.count("e") )**

a)2 b)1 c)0 d)Syntax Error

**List**

1. What is the output of the following code?

**A = ["humility","patient","thankfully","honest"]**

**print(len(A))**

a)3 b)4 c) SyntaxError

1. What is the output of the following code?

**humanity = ["humility","patient","thankfully","honest"]**

**humanity[3]="kind"**

**print(humanity)**

a) SyntaxError

b) ["humility","patient","thankfully","honest"]

c) ["humility","patient","thankfully","kind"]

1. What is the output of the following code?

**humanity = ["humility","patient","thankfully","honest"]**

**humanity.append("kind")**

**print(humanity)**

a) ["humility","patient","thankfully","honest","kind"]

b) ["humility","kind","patient","thankfully","honest"]

c)The program executed with errors

1. What is the output of the following code?

**humanity = ["humility","patient","thankfully","honest"]**

**humanity.insert(3, "kind")**

**print(humanity)**

1. ["humility","patient","thankfully","honest","kind"]
2. ["humility","patient", "kind","honest"]
3. ["humility","patient","thankfully", "kind", "honest"]
4. What is the output of the following code?

**humanity = ["humility","patient","thankfully","honest"]**

**humanity.remove(1)**

**print(humanity)**

a) The program executed with errors

b) ["humility","thankfully","honest"]

c) ["patient","thankfully","honest"]

1. What is the output of the following code?

**humanity = ["humility","patient","thankfully","honest"]**

**humanity.pop(2)**

**print(humanity)**

a) ["thankfully"]

b) ["humility","patient","honest"]

c) ["thankfully","honest"]

1. What is the output of the following code?

**humanity = ["humility","patient","thankfully","honest"]**

**humanity=humanity+["kind"]**

**print(humanity)**

1. The program executed with errors
2. ["humility","patient","thankfully","honest","kind"]

**Dictionary**

1. What is the output of the following code?

**dictionary = {"asman":"sky",**

**"gunesh":"sun",**

**"yer":"ground" }**

**print(len(dictionary))**

1. 3 b)6 c)The program executed with error
2. What is the output of the following code?

**dictionary = {"asman":"sky",**

**"gunesh":"sun",**

**"yer":"ground" }**

**print(dictionary.keys())**

a) ["asman", "gunesh", "yer"] b)["sky", "sun", "ground"]

1. What is the output of the following code?

**dictionary = {"asman":"sky",**

**"gunesh":"sun",**

**"yer":"ground" }**

**print(dictionary.values())**

a) ["asman", "gunesh", "yer"] b)["sky", "sun", "ground"]

1. What is the output of the following code?

**dictionary = {"asman":"sky",**

**"gunesh":"sun",**

**"yer":"ground"}**

**print(dictionary["yer"])**

1. yer b)ground c)The program executed with error
2. What is the output of the following code?

**dictionary = {"asman":"sky",**

**"gunesh":"sun",**

**"yer":"ground"}**

**print(dictionary["ground "])**

1. yer b) ground c)The program executed with error

**Functions**

1. What is the output of the following code?

**def calculate (a, b):**

**return a \* b**

**print( calculate(2, 8) )**

1. 28 b)The program executed with errors c)16 d)(2, 8)
2. What is the output of the following code?

**def calculate (a, b):**

**return a \* b**

**print(calculate(2))**

1. 28 b)The program executed with errors c)16 d)(2, 8)
2. What is the output of the following code?

**def calculate (a=4, b=3):**

**return a \* b**

**print( calculate(2, 8))**

1. 12 b)The program executed with errors c)16 d)(2, 8)
2. What is the output of the following code?

**def calculate (a=4, b=3):**

**return a \* b**

**print( calculate(2))**

1. 8 b)The program executed with errors c)6 d)12
2. What is the output of the following code?

**def calculate (a=4, b=3):**

**return a \* b**

**print( calculate(b = 2))**

1. 8 b)The program executed with errors c)6 d)12
2. What is the output of the following code?

**def add(a):**

**return a + 9, a \* 9**

**print(add(2))**

a)11 b)18 c)(11, 18) d)Syntax Error

1. What is the output of the following code?

**def add(a):**

**return a + 9**

**return a \* 9**

**print(add(2))**

a)11 b)18 c)(11, 18) d)Syntax Error

1. What is the output of the following code?

**def add(a):**

**a + 9**

**print(add(2))**

1. 11 b)9 c)None d)NameError
2. What is the output of the following code?

**def function():**

**a = 22**

**return a**

**print( function() )**

**print(a)**

1. 22 22 b) NameError 22 c)22 NameError d) None
2. What is the output of the following code?

**a = 22**

**def function():**

**return a**

**print( function() )**

**print(a)**

1. 22 22 b) NameError 22 c)22 NameError d) None
2. What is the output of the following code?

**a = 22**

**def function():**

**a = 30**

**return a**

**print( function() )**

**print(a)**

1. 22 22 b)30 30 c)22 30 d)30 22
2. What is the output of the following code?

**a = 22**

**def function():**

**global a**

**a = 30**

**return a**

**print( function() )**

**print(a)**

1. 22 22 b)30 30 c)22 30 d)30 22