

### Assignment 01

- ① (a) <class 'int'>
- ② (c) <class 'string'>
- ③ (a) print
- ④ (d) all of these
- ⑤ (b) 5
- ⑥ (c) <class 'string'>
- ⑦ (d) all of these
- ⑧ (d) \*\*
- ⑨ (a) 35
- ⑩ (a) Good Evening

### Assignment 2

- ① (a) and
- ② (c) to check whether the two values are equal
- ③ (b) if condition: statement 1, statement 2
- ④ (d) to place one conditional within another
- ⑤ (b) false
- ⑥ (b) or
- ⑦ (a) string type

### Assignment 3

- ① (a) function may or maynot return a value
- ② (c) 7
- ③ (c) min
- ④ (a) int
- ⑤ (b) import math; print (math.sqrt(x))
- ⑥ (a) a random float
- ⑦ (c) random.randint(1,10)
- ⑧ (b) function functionName();
- ⑨ (d) function is executed when it is called
- ⑩ (b) hello, friend

### Assignment 4

- ① (b) x+=1
- ② (b) it runs a block of code as long as its condition is true
- ③ (b) while True:  
    print('Hello')
- ④ (b)
- ⑤ (c) 0.124
- ⑥ (b) for i in range(5);
- ⑦ (d) 15
- ⑧ (c) the program will run indefinitely without terminating

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### Assignment 05

- ① (d) all of these
- ② (b) y
- ③ (c) +
- ④ (a) 18
- ⑤ (d) won!
- ⑥ (c) error
- ⑦ (b) 2
- ⑧ (a) convert all lowercase to uppercase
- ⑨ (a) str.startswith(prefix)
- ⑩ (b) convert all uppercase to lowercase.