

1. What does the following Python Program print out?

1 point

```
1 str1 = "Hello"  
2 str2 = 'there'  
3 bob = str1 + str2  
4 print(bob)
```

- ☐ 0
- ☐ Hello
- ☒ Hellothere
- ☐ Hello
- ☐ there

2. What does the following Python program print out?

1 point

```
1 x = '40'  
2 y = int(x) + 2  
3 print(y)
```

- ☐ int402
- ☐ 402
- ☒ 42
- ☐ x2

3. How would you use the index operator [] to print out the letter q from the following string?

1 point

```
1 x = 'From marquard@uct.ac.za'
```

- ☐ print[x[7]]
- ☐ print[x[q]]
- ☐ print[x[9]]
- ☐ print x[-1]
- ☒ print[x[8]]

4. How would you use string slicing [:] to print out 'uct' from the following string?

1 point

```
1 x = 'From marquard@uct.ac.za'
```

- ☐ print[x[14:17]]
- ☐ print[x[14+17]]
- ☒ print[x[14:17]]
- ☐ print[x[15:18]]
- ☐ print[x[14:3]]
- ☐ print[x[15:3]]

5. What is the iteration variable in the following Python code?

1 point

```
1 for letter in 'banana':  
2     print(letter)
```

- ☐ 'banana'
- ☐ print
- ☐ for
- ☒ letter
- ☐ in

6. What does the following Python code print out?

1 point

```
1 print(len('banana')*7)
```

- ☐ -1
- ☐ banana banana banana banana banana banana
- ☐ banana7
- ☒ 42

7. How would you print out the following variable in all upper case in Python?

1 point

```
1 greet = 'Hello Bob'
```

- ☐

```
1 puts(greet.ucase);
```



```
1 print(greet.upper())
```



```
1 console.log(greet.toUpperCase());
```



```
1 print(uc($greet));
```

8. Which of the following is **not** a valid string method in Python?

1 point



shout()



split()



join()



startswith()

9. What will the following Python code print out?

1 point

```
1 data = 'From stephen.marquard@uct.ac.za Sat Jan 5 09:14:16 2008'
2 pos = data.find('.')
3 print(data[pos:pos+3])
```



Sat



mar



uct



.ma

10. Which of the following string methods removes whitespace from both the beginning and end of a string?

1 point



strip()



strtrunc()



rttrim()



wsrem()

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