

Questions - Dictionary

Q: Which of the following statements create a dictionary?(multiple answers allowed)

1. `d = {}`
2. `d = {"mayank":40, "janki mohan johri":68}`
3. `d = {40:"mayank", 45:"janki mohan johri"}`
4. `d = (40:"mayank", 45:"janki mohan johri")`

Q: What will be the output of the followings

```
d = {"johri":40, "mayank":45}
print("johri" in d)
```

```
d1 = {"johri":40, "mayank":45}
d2 = {"johri":466, "mayank":45}
print(d1 == d2)
```

```
d1 = {"johri":40, "mayank":45}
d2 = {"johri":466, "mayank":45}
print(d1 != d2)
```

True

```
d1 = {"johri":40, "mayank":45}
d2 = {"johri":466, "mayank":45}
print(d1 < d2)
print(d1 > d2)
```

TypeError

Traceback (most recent call last)

```
<ipython-input-1-b27d0a647056> in <module>()
      1 d1 = {"johri":40, "mayank":45}
      2 d2 = {"johri":466, "mayank":45}
----> 3 print(d1 < d2)
```

TypeError: '<' not supported between instances of 'dict' and 'dict'

```
d = {"johri":40, "mayank":45}
for a in d:
    print(type(a))
```

```
print(list(d))
```

```
for a, b in d.items():
    print(a, b)
```

```
<class 'str'>
<class 'str'>
['johri', 'mayank']
johri 40
mayank 45
```