

Find outputs

a = {10: 'Ramesh', 20: 'Kishan', 15: 'Amal', 18: 'Sita'} (Home work)

print(a) # {10: 'Ramesh', 20: 'Kishan', 15: 'Amal', 18: 'Sita'}

print(type(a)) # <class 'dict'>

print(a[10]) # Ramesh

print(a[20]) # Kishan

print(a[15]) # Amal

print(a[18]) # Sita

print(a[19]) # KeyError: 19

print(a[0]) # ~~Amal~~ 0

print(a['Amal']) # 'Amal'

How to modify value of key 15 to 'Kishna'

a[15] = 'Kishna'

How to remove 20: 'Kishan' from dict 'a'

a.pop(20)

How to append 25: 'Vamsi' to dict 'a'

a[25] = 'Vamsi'

print(a) # {10: 'Ramesh', 15: 'Kishna', 18: 'Sita', 25: 'Vamsi'}

print(len(a)) # 4

print(a*2) # Error

Find outputs (Home work).

```

a = {10: 'Hyd', 10: 'sec'}
print(a) # {10: 'sec'}
print(len(a)) # 1
b = {'R': 'Red', 'G': 'Green', 'B': 'Blue', 'Y': 'Yellow',
      'G': 'Gray', 'B': 'Black'}
print(b) # {'R': 'Red', 'G': 'Gray', 'B': 'Black',
           'Y': 'Yellow'}
print(len(b)) # 4

```

tricky program
Find Output (Home work)

```

a = {True: 'yes', 1: 'No', 1.0: 'may be'}
    # {True: 'may be'}
print(a) # {True: 'may be'}
print(len(a)) # 1

```

Find Output 6.

```

a = {[ ]: 25} # Error
b = {[ ]: 25} # {[ ]: 25}
c = {[ ]: 25} # Error
print(d) = # {'Ramesh':
              [9948250500, 9848565090,
               9440250404]}
print(d) # {'Ramesh':
           [9948565090, 9848565090,
            9440250404]}

```


H.T. No.

Date

```
print(len(d)) # 1
```

```
a = {set(): 10.8} # Error.
```

Find outputs.

```
a = {}
```

```
print(type(a)) # <class 'dict'>
```

```
print(len(a)) # 0
```

```
print(a) # {}
```

```
b = dict()
```

```
print(type(b)) # <class 'dict'>
```

```
print(len(b)) # 0
```

```
print(b) # {}
```