

Find outputs (Home work)

```

a = {10: 'Ramesh', 20: 'Kishan', 15: 'Amar', 18: 'Sita'}
print(a) # {10: 'Ramesh', 20: 'Kishan', 15: 'Amar', 18: 'Sita'}
print(type(a)) # <class 'dict'>
print(a[10]) # Ramesh
print(a[20]) # Kishan
print(a[15]) # Amar
print(a[18]) # Sita
print(a[19]) # KeyError - 19.
print(a[0]) # Amar, 0.
print(a['Amar']) # 'Amar'

```

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: 'maybe'}
```

```
print(a) # {True: 'maybe'}
```

```
print(len(a)) # 1
```

```
# Find Output 5.
```

```
a = {[ ]: 25} # Error
```

```
b = {( ): 25} # {( ): 25}
```

```
c = {{3}: 25} # Error
```

```
print(d) = # {'Ramesh':
```

```
[9948250500, 9848565090,
```

```
9440250404]}
```

```
print(d) # {'Ramesh':
```

```
[9948565090, 9848565090,
```

```
9440250404]}
```

```
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) # {}
```