

# Full stack web development using python

## Assignment-7



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Q.1

$x = 25$

$y = \text{bin}(x)$

$\text{print}(y)$

'0b11001'

Q.2

$x = 0b1100101$

$\text{print}(x)$

$x \rightarrow \boxed{101}$

Q.3

$x = 0x2F$

$\text{print}(x) \rightarrow \text{Decimal NS}$

$\text{print}(\text{oct}(x)) \rightarrow \text{Octal NS}$

Q.4

```
x = 00125  
print(x)  
print(bin(x))
```

$$\begin{array}{l} (25)_8 \rightarrow (21)_{10} \\ (39)_{16} \rightarrow (57)_{10} \\ \hline (78)_{10} \end{array}$$

Q.5

```
x = 0025
```

```
y = 0x39
```

```
z = x + y
```

```
print(bin(z)) → 0b1001110
```

$$(78)_{10} = (1001110)_2$$

