

1. a) $6^{-2^3} \times 3^{2^2} // 5-4$ Ans: -12

b) $3^x (4 \text{ if } \overset{\text{False}}{\downarrow} 3 > 1 \text{ and } \overset{\text{True}}{\uparrow} 6 > 7 \text{ else } \overset{\text{False}}{\downarrow} \underline{2})$ Ans: 6

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```
2. first_currency = input("Please enter first currency: ")
```

```
first_currency_amount = float(input(f"Please enter amount of {first_currency} you want to exchange: "))
```

```
sec_currency = input("Please enter currency you want to convert to: ")
```

```
rate_exchange = float(input(f"Please enter exchange rate, 1 {first_currency} how much will you get in {sec_currency}: "))
```

```
converted = first_currency_amount * rate_exchange
```

```
print(f"so, your {first_currency_amount} {first_currency} will be exchanged to {converted:.2f} {sec_currency}")
```

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3. $x = -3$

```
for i in range(13):
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     $x += 3$ 
```

```
    if  $x == 15$  or  $x == 33$ 
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```
        continue
```

```
    print(x)
```


4). charac_input = input("Enter a character:")

vip = ord(charac_input)

arguement = True

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while arguement == True:

if

5, from turtle import *

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```
def draw_hex(y):  
    for i in range(6):  
        fd(y)  
        left(120)
```

```
def spiral_hex():
```