

TOPS TECHNOLOGIES PROJ 1

Friday, 18 November 2022

4:35 PM

```
print("Hello Anjali",end=",")  
print(" Welcome to python")  
print("Most Popular Programming Language")
```

```
print("TASK 2")  
months = int(input("Enter no. of months:"))  
years = months / 12  
days = 365 * 2  
print("No. of years is",years )  
print("No. of days is",days)
```

```
print("TASK 3:")  
minutes = int(input("enter minutes:"))  
hours = int(input("enter hours :"))  
minutes = hours * 60  
hours = minutes / 60  
minutes2 = hours  
hours2 = minutes  
print("Minutes is:",minutes2)  
print("Hours is :",hours2)
```

```
print("TASK 4")  
P = 100  
N = 10  
R = 2
```

```
SI = P * N * R/100  
print("Simple interst is :", SI)
```

KALYAN JWELLERS TASK:-

```
print("Welcome to Kalyan Jewellers")
name = input("Enter your name: ")
age = int(input("Enter your age: "))
gender = input("Enter your gender: ")
product = input("Enter your product:")
product_per_gram = int(input("Enter product Gram:"))
gold_price = int(input("Enter current gold price:"))
gold_price_per_gram= 5752
making_charges_per_gram = 845
discount= 0
```

```
if gender == "M" or gender == "F":
```

```
    if gender == "M":
```

```
        if age >= 65:
```

```
            if gold_price >= 200000 and gold_price < 300000:
```

```
                print("Discount is 20 %")
```

```
                discount = 20
```

```
            elif gold_price >= 300000 and gold_price < 500000:
```

```
                print("Discount is 30 %")
```

```
                discount = 30
```

```
            else:
```

```
                print("Discount is 35 %")
```

```
                discount = 35
```

```
    else:
```

```
        if gold_price >= 200000 and gold_price < 300000:
```

```
            print("Discount is 10 %")
```

```
            discount = 10
```

```
        elif gold_price >= 300000 and gold_price < 500000:
```

```
            print("Discount is 20 %")
```

```
            discount = 20
```

```
        else:
```

```
            print("Discount is 25 %")
```

```
            discount = 25
```

```
if gender == "F":
```

```
    if age > 65:
```

```
        if gold_price >= 200000 and gold_price < 300000:
```

```

if gold_price >= 200000 and gold_price < 300000:
    print("Discount is 20 %")
    discount = 20
elif gold_price >= 300000 and gold_price < 500000:
    print("Discount is 30 %")
    discount = 30
else:
    print("Discount is 35 %")
    discount = 35
else:
    if gold_price >= 200000 and gold_price < 300000:
        print("Discount is 10 %")
        discount = 10
    elif gold_price >= 300000 and gold_price < 500000:
        print("Discount is 20 %")
        discount = 20
    else:
        print("Discount is 25 %")
        discount = 25

print(discount)
Total_gold_rate = gold_price_per_gram * product_per_gram
print("Total gold rate is:",Total_gold_rate)
Total_making_charges = product_per_gram * making_charges_per_gram
print("Total making charges is:",Total_making_charges)
Total_amount = Total_gold_rate + Total_making_charges

Total_net_amount = Total_amount - discount/100
print('Total_net_amount is:',Total_net_amount)

else:
    print("Invalid Input")

```

#FOR LOOP EXAMPLES

```

for loop
while loop
for i in range(1,6):
    num1 = int(input("Enter number " +str(i)+ ":"))
#format func.
num1 = 10
num2 = 20
print(f"{num1} + {num2} = {num1 + num2}")

```

```
for i in range(1,6):
    num1 = int(input(f"Enter number {i} :"))
#accept 5 sub marks and count total marks:
sum = 0
for i in range(1,6):
    marks = int(input("Enter marks"))
    sum += marks
print(sum)
#Russian Roulette game
for i in range(3, 37 ,3):
    print(i , end=" ")
print()
for i in range(2,36, 3):
    print(i, end =" ")
```