

1. **Write a function to print statements based on the matched criteria and conditions are youtube video quality selection**

```
def youtube():
    mode = input("Enter mode:")
    if mode == "auto":
        speed = int(input("Enter your internet speed in Mbps: "))
        if speed > 10:
            print("playing 1080p")
        elif speed > 5:
            print("playing 720p")
        elif speed > 2:
            print("playing 480p")
        else:
            print("playing 240p")
    elif mode == "manual":
        quality = (input("select required quality:"))
        if quality in ['240p', '480p', '720p', '1080p']:
            print(f"Playing video in {quality} quality.")
        else:
            print("Invalid quality selected. Please choose from 240p, 480p, 720p, 1080p")
    else:
        print("please select proper mode")
youtube()
OUTPUT:
Enter mode:auto
Enter your internet speed in Mbps: 20
playing 1080p
```

2. **Write a function which needs to call 2 functions inside main function and main function is atm and Another 2 functions are withdraw and deposit functions and you can withdraw r deposit after entering crct pin only**

```
def withdraw():
    amount = int(input("enter the ammount to be withdrawn:"))
    if amount < 50000:
        print(f'{amount} is sucessfully withdrawn")
    else:
        print("insufficient balance")
def deposit():
    amount = int(input("enter the ammount to be deposited:"))
    if amount < 50000:
        print(f'{amount} is sucessfully deposited")
    else:
        print("such amount can't be deposited")
```

```
def atm():  
    print("Please place your card")  
    pin = input("Enter your PIN: ")  
  
    if pin == "123@123":  
        print("PIN matched")  
        choice = input("Select a choice (withdraw/deposit): ")  
        if choice == "withdraw":  
            withdraw()  
        elif choice == "deposit":  
            deposit()  
        else:  
            print("Invalid choice")  
    else:  
        print("Wrong PIN, please check again")  
atm()
```

OUTPUT:

Please place your card

Enter your PIN: 123@123

PIN matched

Select a choice (withdraw/deposit): withdraw

enter the ammount to be withdrawn:30000

30000 is sucessfully withdrawn