

Question 1: YouTube Video Quality Selection

```
mode = input("select mode (auto/manual): ")
if mode == "auto":
    internet_speed = int(input("Enter internet speed:"))
    if internet_speed > 10:
        print("video at 1080p")
    elif internet_speed > 5:
        print("video at 720p")
    elif internet_speed > 2:
        print("video at 480p")
    else:
        print("video at 240p")
elif mode == "manual":
    quality = input("enter video quality (240p , 480p , 720p, 1080p): ")
    print("video quality",quality)
else:
    print("please select correct mode")
```

output:

```
select mode (auto/manual): auto
Enter internet speed:7
video at 720p
select mode (auto/manual): manual
enter video quality (240p , 480p , 720p, 1080p): 720p
video quality 720p
```

Question 2: Hotstar Subscription Plans

```
subscription_type=input("Enter the subscription type (free , super , premium): ")
payment_status=input("Enter the payment status (active/expired):")
if subscription_type == "free":
    print(" Allow only basic content")
```

```

elif(subscription_type == "super"):
    if(payment_status == "active"):
        print("Allow sports+ series (with ads)")
    elif(payment_status == "expired"):
        print("please renew your payment")
elif(subscription_type == "premium"):
    if(payment_status == "active"):
        print("Allow all content (no ads) ")
    elif(payment_status == "expired"):
        print(" please nenew your payment")
else:
    print("please enter correct subscription type")

```

output:

Enter the subscription type (free , super , premium): super

Enter the payment status (active/expired):expired

please renew your payment

Enter the subscription type (free , super , premium): premium

Enter the payment status (active/expired):active

Allow all content (no ads)

Question 3: Bank Loan Approval System

```

credit_score = int(input("Enter credit score:"))
if credit_score >=750:
    salary=float(input("enter the salary:"))
    if salary >= 30000:
        print("loan approved")
    else:
        print("increase your income")
elif credit_score >= 600 and credit_score <=749:

```

```
coapplicant=("do you have coapplicant (yes/no): ")
if coapplicant == "yes":
    print("loan approved")
elif coapplicant == "no":
    print("no coapplicant --- loan rejected")
else:
    print("loan rejected")
```

output:

Enter credit score:550

loan rejected

Enter credit score:650

do you have coapplicant (yes/no): yes

loan approved

Question 4: Swiggy – First-Time Order Offer

```
first_order=input("is this your first order (yes/no): ")
cart_value=int(input("enter the cart value:"))
if first_order == "yes":
    if cart_value >=149:
        print("Apply Free Delivery + 20% Off")
    else:
        print( "Apply Only Free Delivery" )
elif first_order == "no":
    if cart_value >=199:
        print("Apply ₹50 Off coupon")
    else:
        print("No offer applicable, add more items!")
else:
    print("Invalid input, please enter yes or no")
```

output:

is this your first order (yes/no): yes

enter the cart value:99

Apply Only Free Delivery

is this your first order (yes/no): no

enter the cart value:200

Apply ₹50 Off coupon

Question 5: E-commerce Offer Eligibility

```
first_time=input("is this first time (yes/no): ")
```

```
cart_total=int(input("Enter the cart value:"))
```

```
if first_time == "yes":
```

```
    if cart_total >=1000:
```

```
        print("30% discount")
```

```
    else:
```

```
        print("10% discount")
```

```
elif first_time == "no":
```

```
    if cart_total >=2000:
```

```
        print("15% discount")
```

```
    else:
```

```
        print("no discount")
```

```
else:
```

```
    print("please enter yes/no only")
```

```
output:
```

is this first time (yes/no): yes

Enter the cart value:1500

30% discount

is this first time (yes/no): no

Enter the cart value:1900

no discount