

Assignment by Waseem data analytic bootcamp 2024-25

10 daily life examples about function

```
In [1]: # 1st
# Function to calculate chai cups cost
def chai_bill(cups, price_per_cup=50):
    return cups * price_per_cup

print("Chai ka bill:", chai_bill(3), "PKR")
```

Chai ka bill: 150 PKR

```
In [ ]: # 2.
# Function to decide if rishta is acceptable
def rishta_check(salary, height):
    if salary > 100000 and height >= 5.6:
        return "Rishta Pakka!"
    else:
        return "Rishta reject"

print(rishta_check(80000, 5.5))
```

Rishta reject ❌

```
In [6]: # 3.
# Function to decide if roti is gol
def roti_quality(roundness_score):
    if roundness_score > 70:
        return f"Roti is gol-gol. Approved "
    else:
        return "Yeh roti frisbee lag rahi hai"

print(roti_quality(60))
```

Yeh roti frisbee lag rahi hai

```
In [10]: # 4.
# Function to calculate wifi speed
def wifi(mbs):
    if mbs > 6:
        return "Net sahi chal rha hy"
    else:
        return "apni to qismat he kharb hy"

print(wifi(4))
```

apni to qismat he kharb hy

```
In [11]: # 5. Function to decide if chai is chass wali
def chai_strength(tea_spoons, water_cups):
    ratio = tea_spoons / water_cups
```

```

    if ratio > 1:
        return "Wah bhai wah! chai banana aa he gae apko"
    else:
        return "apko chai banana kabi nh ayge"

print(chai_strength(2, 3))

```

apko chai banana kabi nh ayge

```

In [13]: # 6. Function to calculate taxi fare
def bus_fire(km, rate_per_km=50):
    return km * rate_per_km

print("Bus ka kiraya:", bus_fire(10), "PKR")

```

Bus ka kiraya: 500 PKR

```

In [14]: # 7. Function to decide if lassi is meethi or namkeen
def lassi_type(sugar_spoons):
    if sugar_spoons > 5:
        return "Meethi lassi, 1 glass hor dy yr"
    else:
        return "Namkeen lassi, bas thek hy maza nh aya"

print(lassi_type(6))

```

Meethi lassi, 1 glass hor dy yr

```

In [16]: # 8. Function to check if phone has balance
def balance_check(balance):
    if balance < 10:
        return "Balance khatam! yar kadi balance v pawa lia kr"
    else:
        return "Balance theek hai"

print(balance_check(0))

```

Balance khatam! yar kadi balance v pawa lia kr

```

In [17]: # 9. Function to calculate pakora plate price
def pakora_bill(plates, price_per_plate=80):
    return plates * price_per_plate

print("Pakoron ka bill:", pakora_bill(2), "PKR")

```

Pakoron ka bill: 160 PKR

```

In [19]: # 10. Function to decide if cricket match is possible
def cricket_match(rain):
    if rain:
        return "yr aj nh khel sakhen gy shit"
    else:
        return "anny pa dyo yr ao khalin"

print(cricket_match(False))

```

anny pa dyo yr ao khalin