Task 1: Python

```python
def task1():
    midnight = 24
    eveningprice = 2

    trim = ""
    while not trim == "MONDAY" or trim == "TUESDAY" or trim == "WEDNESDAY" or
trim == "THURSDAY" or trim == "FRIDAY" or trim == "SATURDAY" or trim ==
"SUNDAY":
        day = input("Enter Day: ")
        trim = day.strip()  # this is the vb equivalent of trim
        if day == "":
            print("You can't leave the day blank")

    while not arrivalhour >= 8 and arrivalhour < midnight:
        arrivalhour = int(input("Enter hour of arrival (8-23)"))
        if arrivalhour < 8 or arrivalhour > 23:
            print("Allowed hours for parking are from 8 till midnight!")
    hoursallowed = False

    while not hoursallowed == True:
        stayhours = int(input("Enter max stay in hours: "))
        departurehour = arrivalhour + stayhours
        if departurehour <= midnight:
            if arrivalhour < 16:
                if day == "Sunday" and stayhours <= 8:
                    hoursallowed = True
                elif day == "Saturday" and stayhours <= 4:
                    hoursallowed = True
                elif stayhours <= 2:
                    hoursallowed = True
            else:
                hoursallowed = True
        else:
            print("You cannot stay beyond midnight!")
```
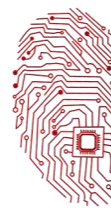
Task 1: Python

```python
    discount = False
    discountallowed = "0%"
    answer = input("Do you have frequent parking card? ")
    if answer.upper() == "YES":
        cardnumber = int(input("Enter frequent parking card number: "))
        x = ((cardnumber[:1] * 1) + (cardnumber[1:2] * 2) + (cardnumber[2:3] *
3) + (cardnumber[3:4] * 4) + (cardnumber[4:] * 5)) % 11
        if x == 0:
            discount = True

    if arrivalhour >= 16:
        amount = eveningprice
    else:
        if day == "Sunday":
            price = 2
        elif day == "Saturday":
            price = 3
        else:
            price = 10
    amount = stayhours * price

    if discount == True:
        if arrivalhour >= 16:
            discountallowed = "50%"
            amount = amount * 0.5
        else:
            discountallowed = "10%"
            amount = amount * 0.9

    print("")
    print("Data entered and price to park calculated")
    print("-" * 15)
    print("Day:", day)
    print("Time of arrival:", arrivalhour)
    print("Hours stayed:", stayhours)
    if arrivalhour >= 16:
        print("Car parking price for full evening:", price)
    else:
        print("Car parking price per hour:", price)
    print("Discount given:", discount)
    if discount == True:
        print("Discount: ", discountallowed)
    print("Price to park:", amount)
```