```python
#Task 1

def calculate_bill(units):
    bill = 0

    if units <= 100:
        bill = units * 1

    elif units <= 200:
        bill = (100 * 1) + ((units - 100) * 2)

    else:
        bill = (100 * 1) + (100 * 2) + ((units - 200) * 3)

    return bill


units = int(input("Enter units consumed: "))
print("Total Bill Amount: ₹", calculate_bill(units))

#Task 2

def check_password(p):
    if len(p) < 8:
        return "Weak"

    for ch in p:
        if ch.isdigit():
            for c in p:
                if not c.isalnum():
                    return "Strong"
    return "Weak"

password = input("Enter password: ")
print(check_password(password))

#Task 3

num = int(input("Enter number: "))
rev = 0

while num > 0:
    rev = rev * 10 + num % 10
    num //= 10

print("Reversed Number:", rev)
```

```python
print("Reversed Number:", rev)

#Task 4

s=input("enter the string: ")
count=0
for ch in s:
    if ch in "aeiouAEIOU":
        count+=1
print("the count  of vowels in the string: ",count)



#Task 5

balance = int(input("Enter balance: "))
amount = int(input("Enter amount: "))

if amount % 100 != 0:
    print("Amount must be multiple of 100")

elif amount > balance:
    print("Insufficient balance")

else:
    print("Withdrawal Successful")
    print("Remaining Balance:", balance - amount)

#Task 6

def Marks(marks):
    if marks>=90 and marks<=100:
        print("Grade is A .Excellent")
    elif marks<90 and marks>=75:
        print("Grade is B .Very good")
    elif marks>=60 and marks<75:
        print("Grade is C .Good")
    else:
        print("Fail")

marks=(int(input("enter the marks: ")))
Marks(marks)



#Task 7

class Mobile:
```

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```python
    def __init__(self,brand,model,price):
        self.brand=brand
        self.model=model
        self.price=price

    def display_detail(self):
        print(f"brand: {self.brand}, model: {self.model}, price: {self.price}")

mobile=Mobile("vivo","y50",23000)
mobile.display_detail()


#Task 8

class Employee:
    def __init__(self, name, id):
        self.name = name
        self.id = id

class PermanentEmployee(Employee):
    def __init__(self, name, id, salary):
        super().__init__(name, id)
        self.salary = salary

    def total_salary(self):
        return self.salary + self.salary * 0.3

emp = PermanentEmployee("Amit", 1, 30000)
print("Total Salary:", emp.total_salary())


#Task 9

def palindrome(x):

    rev = ""

    for ch in x:
        rev = ch + rev
    if x == rev:
        return "Palindrome"
    else:
        return "Not Palindrome"

x = input("Enter value: ")

print(palindrome(x))
```

```
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter units consumed: 245
        Total Bill Amount: ₹ 435
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter password: axsd@6543
        Strong
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter number: 354218
        Reversed Number: 812453
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        enter the string: hello, good morning
        the count  of vowels in the string:  6
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter balance: 20000
        Enter amount: 1500
        Withdrawal Successful
        Remaining Balance: 18500
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter balance:
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        enter the marks: 75
        Grade is B .Very good
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        brand: vivo, model: y50, price: 23000
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Total Salary: 39000.0
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter value: madam
        Palindrome
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter value: 12321
        Palindrome
>>>
        ======== RESTART: C:/Users/krsub/OneDrive/Desktop/internship/review2.py ========
        Enter value: kfhfs
        Not Palindrome
>>>
```