1. Arithmetic Operators Task – Budget Planner Question:You have ₹1500 in your wallet. You spend: ₹300 on food ₹250 on transport ₹400 on shopping You also earn ₹500 from freelance work. Calculate:
2. Total money spent
3. Final balance in wallet
4. Percentage of total income spent A:-

```
 total_money = 1500
spent_food = 300
spent_transport = 250
spent_shopping = 400
earn_freelance = 500
total_spent = spent_food + spent_transport + spent_shopping
final_balance = total_money - total_spent + earn_freelance
total_income = total_money + earn_freelance
percent_spent = (total_spent / total_income) * 100
print("Total money spent:", total_spent)
print("Final balance in wallet:", final_balance)
print("Percentage of total income spent:", percent_spent, "%")
```

```
Total money spent: 950
Final balance in wallet: 1050
Percentage of total income spent: 47.5 %
```

2. Assignment Operators Task – Game Score Tracker Question: You are playing a game. Your score changes as follows: Start with score = 0 In Level 1, you gain 10 points → use += You get a bonus of 5 points → use += In Level 2, you lose 3 points → use -= You use a booster that doubles your score → use *= Show the score after each change.

```
score = 0
print("Initial score:", score)
score += 10
print("After Level 1 (+10):", score)
score += 5
print("After bonus (+5):", score)
score -= 3
print("After Level 2 (-3):", score)
score *= 2
print("After booster (*2):", score)
```

```
Initial score: 0
After Level 1 (+10): 10
After bonus (+5): 15
After Level 2 (-3): 12
After booster (*2): 24
```

3. Comparison Operators Task – College Admission Check Question: To get admission in a college, you need at least 60% marks. Ask the user to input their percentage. Then check: Did the student qualify? (>= 60) Is their percentage exactly equal to 60? Did they get less than the cutoff?

```
p = float(input("Enter %: "))
print(p >= 60, p == 60, p < 60)
```

```
Enter %: 65
True False False
```

4. Logical Operators Task – Laptop Purchase Decision Question: You want to buy a laptop. You can only buy it if: You have more than ₹50,000 or Your parents are helping you Ask the user: How much money do you have? Are your parents helping? (yes/no) Print: "You can buy the laptop" if any one is true "Self-funded" if only you have enough and no parental help "Not possible now" if none are true A:-

```
m = int(input("Money? "))
p = input("Parents help? (yes/no): ").lower()
print("You can buy" if m > 50000 or p == 'yes' else "Not possible now")
if m > 50000 and p == 'no': print("Self-funded")
```

```
Money? 60000
Parents help? (yes/no): yes
You can buy
```

5. Logical Operators Task – Health Check Eligibility Question: To be eligible for a free health check-up: Your age must be greater than 40 You should not have done a check-up in the last year Ask: Age Did you have a check-up last year? (yes/no) Print whether the person is eligible or not. Explanation: Use age > 40 Use not with "yes" or "no" to check eligibility

```
age = int(input("Enter your age: "))
checkup = input("Did you have a check-up last year? (yes/no): ").lower()
if age > 40 and checkup == "no":
  print("Eligible for free health check-up")
else:
  print("Not eligible for free health check-up")
```

```
Enter your age: 24
Did you have a check-up last year? (yes/no): yes
Not eligible for free health check-up
```