1.Write a program to calculate overtime pay of 10 employees. Overtime is paid at the rate of Rs. 12.00 per hour for every hour worked above 40 hours. Assume that employees do not work for fractional part of an hour.

2. Write a program to find the factorial value of any number entered through the keyboard.

3. Write a program to print all prime numbers from 1 to 300. (Hint: Use nested loops, break and continue)

4. Write a program to add first seven terms of the following series using a for loop:

1/1! + 2/2! + 3/3! + ...

5. Check the following number prime or not by taking input from the user.

6. Print Fibonacci series up to a certain number by taking it input from the user.

7. Print the following pattern of pyramid with star.

8. Print the following pattern.

```
1
 2 1
 3 2 1
 4 3 2 1
 5 4 3 2 1
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