Lab Task Loops Sec A

Question 1:

Write a Python Function to get the Fibonacci series between 0 to user input range.
Note : The Fibonacci Sequence is the series of numbers :
0, 1, 1, 2, 3, 5, 8, 13, 21, ...
Every next number is found by adding up the two numbers before it.

Question 2:

Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5,between 2000 and 3200 (both included).

Question 3:

Write a Python function to construct the following pattern, using a for loop. User should enter a symbol e.g *,^,@,- etc and your function should a pattern like this of that symbol
e.g
Enter Symbol: *
Enter Size: 5

```
    *
   * *
  * * *
 * * * *
* * * * *
```

Question 4:

Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.
Note : Use 'continue' statement.

EXPECTED OUTPUT:

0
1
2
4
5

Question 5:

Write a program that computes the net amount of a bank account based a transaction log from console input.
Your program should ask the user to press D for Deposit or W for Withdraw or Q to quit and see the net amount

EXPECTED OUTPUT:
Press D for Deposit, W for withdraw or Q for quit: D
D =300
Press D for Deposit, W for withdraw or Q for quit: D
D =300
Press D for Deposit, W for withdraw or Q for quit: W
W =200
Press D for Deposit, W for withdraw or Q for quit: D
D= 100
Press D for Deposit, W for withdraw or Q for quit: Q
Net Amount =500