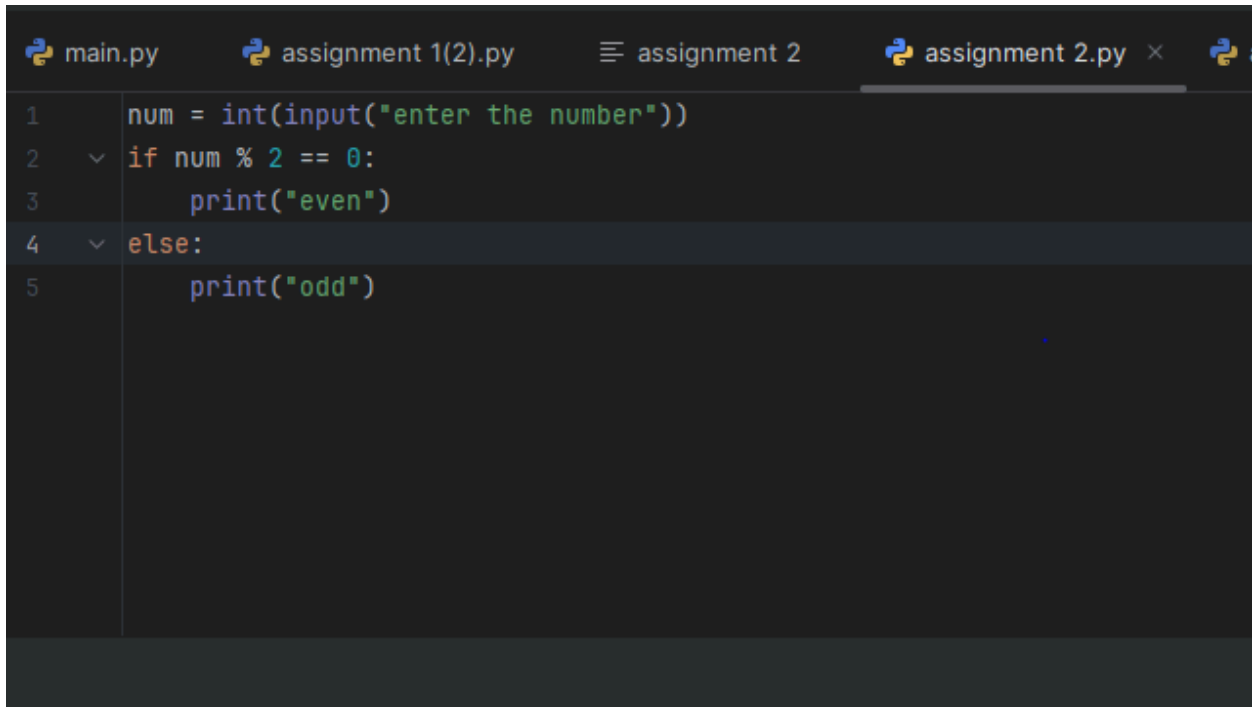


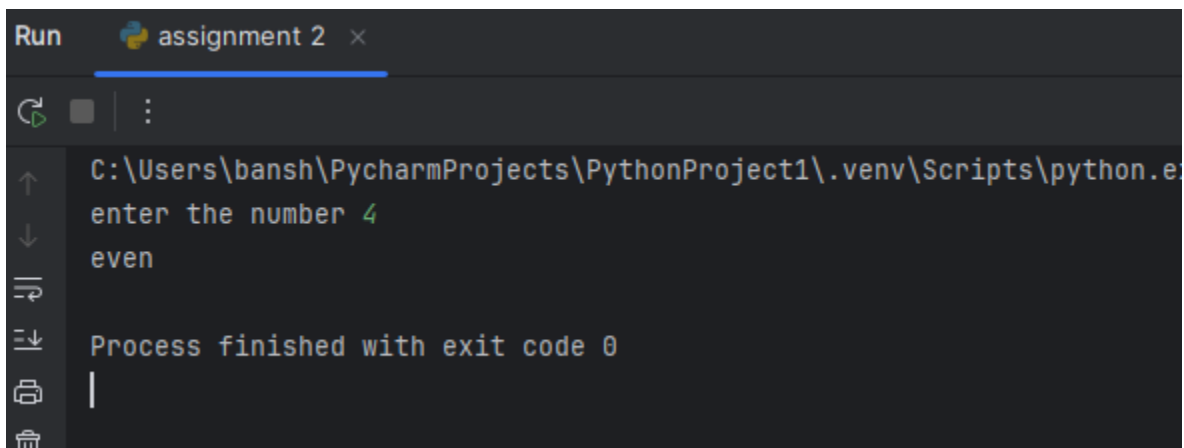
ASSIGNMENT 2:

Module 3: Control Structures in Python

Task 1: Check if a Number is Even or Odd

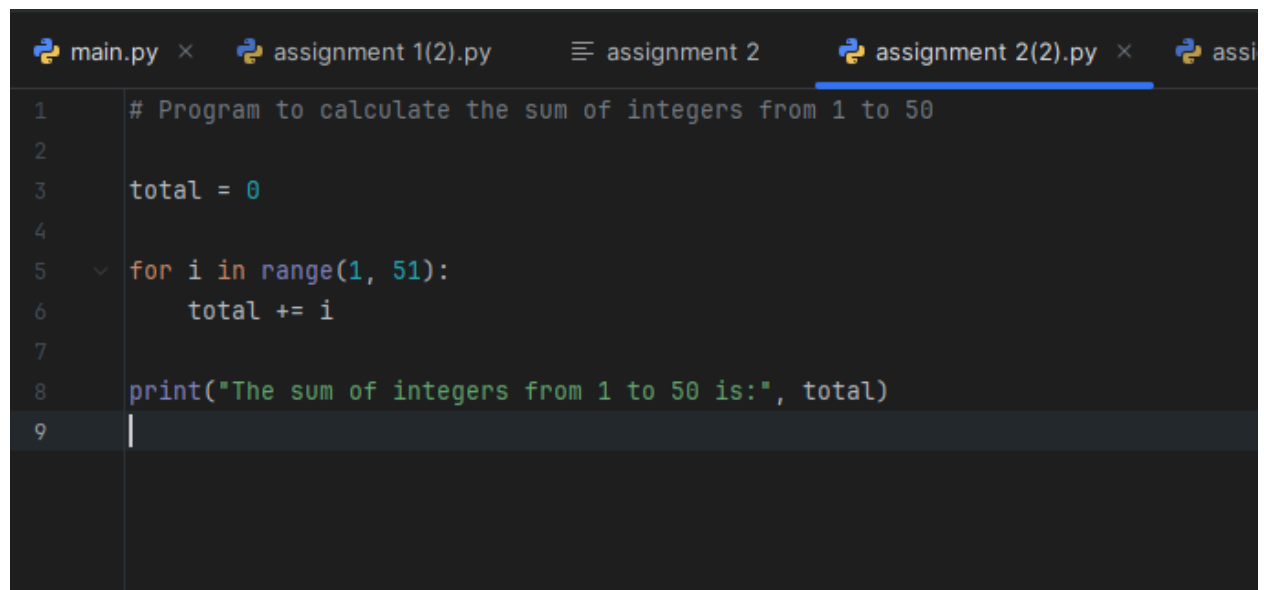


```
main.py  assignment 1(2).py  assignment 2  assignment 2.py x
1  num = int(input("enter the number"))
2  if num % 2 == 0:
3      print("even")
4  else:
5      print("odd")
```



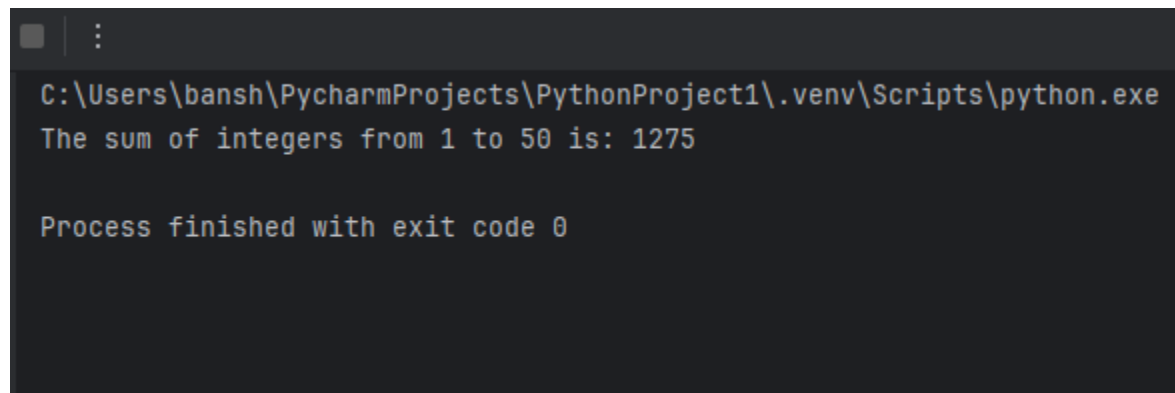
```
Run  assignment 2 x
C:\Users\bansh\PycharmProjects\PythonProject1\.venv\Scripts\python.exe
enter the number 4
even
Process finished with exit code 0
```

Task 2: Sum of Integers from 1 to 50 Using a Loop



The screenshot shows a PyCharm code editor with four tabs: 'main.py', 'assignment 1(2).py', 'assignment 2', and 'assignment 2(2).py'. The 'assignment 2(2).py' tab is active and contains the following Python code:

```
1 # Program to calculate the sum of integers from 1 to 50
2
3 total = 0
4
5 for i in range(1, 51):
6     total += i
7
8 print("The sum of integers from 1 to 50 is:", total)
9
```



The screenshot shows a terminal window with the following output:

```
C:\Users\bansh\PycharmProjects\PythonProject1\.venv\Scripts\python.exe
The sum of integers from 1 to 50 is: 1275

Process finished with exit code 0
```