

```
main.py x
1  wiiprice = 100
2  money = float(input("How much money do you have? "))
3  wiis_affordable = int(money // wiiprice)
4  more_money_needed = wiiprice - (money % wiiprice)
5
6  if money < 100:
7      print("You can't afford Nintendo Wiis.")
8      print("You need", more_money_needed, "more to afford a Wii.")
9
10 elif wiis_affordable > 0:
11     print("You can", wiis_affordable, "afford Nintendo Wiis.")
12     print("You need", more_money_needed, "more to afford another Wii.")
13
14 factorial = 1
15 x = int(input("Enter a number: "))
16 for a in range(1, x+1):
17     factorial = factorial * a
18 print("The Factorial of ", x, "is", factorial)
19
20 factors = 1
21 num = int(input("Enter a number: "))
22 for i in range(1, num + 1):
23     if num % i == 0:
24         print(i, "is a factor of ", num)
25
26 factorList = []
27 num = int(input("Enter a number: "))
28 for i in range(1, num + 1):
29     if num % i == 0:
30         factorList.append(i)
31 print("The factors of", x, "are: ", factorList)
32
```

```
"C:\Program Files\Python312\python.exe" Z:\DSALG01-IDB2\Exercise1\main.py
How much money do you have? 450
You can 4 afford Nintendo Wiis.
You need 50.0 more to afford another Wii.
Enter a number: 8
The Factorial of 8 is 40320
Enter a number: 13
1 is a factor of 13
13 is a factor of 13
Enter a number: 12
The factors of 8 are: [1, 2, 3, 4, 6, 12]

Process finished with exit code 0
```