

Program 1

```
===== RESTART: D:/python/sprint2/task2.py
{'name': 'Alice', 'age': 26, 'email': 'alice@example.com'}
```

Program 2

```
----- RESTART: D:/python/
Quality of banana: 5
{'apple': 15, 'banana': 5, 'orange': 8}
```

Program 3

```
|===== RESTART: D:\pyc
|Enter the sentence:hello world hello
|{'hello': 2, 'world': 1}
|
```

Program 4

```
===== RESTART: D:\python\sprint2\task2
{'apple': 5, 'banana': 5, 'orange': 10, 'grape': 4}
|
```

Program 5

```
===== RESTART: D:\python\sprint2\task2.py =====
salary of Employee 2: 60000
{'E001': {'name': 'Alice', 'department': 'HR', 'salary': 55000.0}, 'E002': {'name': 'Bob', 'department': 'IT', 'salary': 66000.0}, 'E003': {'name': 'Charlie', 'department': 'Finance', 'salary': 60500.0}}
```

Program 6

```
===== RESTART: D:\python\sprint2\task
{'Bob': 92, 'David': 90, 'Alice': 85, 'Charlie': 78}
```

Program 7

```
1 2 3 4 5 6 7 8 9 10
2 4 6 8 10 12 14 16 18 20
3 6 9 12 15 18 21 24 27 30
4 8 12 16 20 24 28 32 36 40
5 10 15 20 25 30 35 40 45 50
6 12 18 24 30 36 42 48 54 60
7 14 21 28 35 42 49 56 63 70
8 16 24 32 40 48 56 64 72 80
9 18 27 36 45 54 63 72 81 90
10 20 30 40 50 60 70 80 90 100
```

Program 8

```
=====
[1, 4, 7]
[2, 5, 8]
[3, 6, 9]
```

Program 9

```
----- RESTART:
Total prime numbers: 6
|
```

Program 10

```
----- RESTART: D:\python\spl
Spiral order: [1, 2, 3, 6, 9, 8, 7, 4, 5]
|
```

Program 11

```
===== RESTART
Enter weight(kg):70
Enter height(m):1.75
BMI: 22.857142857142858
Category: Normal weight
```

Program 12

```
===== RESTART: ]
Enter student score(0-100):85
Grade: B
Status: Pass
|
```

Program 13

```
----- RESTART: D:
madam is a palindrome
apple is not palindrome
racecar is a palindrome
level is a palindrome
hello is not palindrome
civic is a palindrome
world is not palindrome
deified is a palindrome
rotor is a palindrome
|
```

Program 14

```
===== RESTART: D:
2 4 6 8 10 12 14 16 18 20
4 8 12 16 20 24 28 32 36 40
6 12 18 24 30 36 42 48 54 60
8 16 24 32 40 48 56 64 72 80
10 20 30 40 50 60 70 80 90 100
|
```