Program 1:

```
========== RESTART: C:/python/sprint2/taskpractice2.py
{'name': 'Alice', 'age': 26, 'email': 'alice@example.com'}
```

Program 2:

```
========== RESTART: C:/python/sprint2/t
Quantity of banana: 5
{'apple': 15, 'banana': 5, 'orange': 8}
```

Program 3:

```
========== RESTART: C:\python\s
Enter sentence:hello world hello
{'hello': 2, 'world': 1}
```

Program 4:

```
========== RESTART: C:\python\sprint2\taskpractice2
{'apple': 10, 'banana': 5, 'orange': 10, 'grape': 4}
```

Program 5:

```
========== RESTART: C:\python\sprint2\taskpractice2.py
Enter the id:E002
60000
E001: {'name': 'Alice', 'department': 'HR', 'salary': 55000}
E002: {'name': 'Bob', 'department': 'IT', 'salary': 66000}
E003: {'name': 'Charlie', 'department': 'Finance', 'salary': 60500}
```

Program 6:

```
========== RESTART: C:\python\sprint2\taskpractic
{'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:

```
Transposed Matrix: [[1, 4, 7], [2, 5, 8], [3, 6, 9]]
```

Program 9:

```
========== RESTART: C:\python\sprint2\taskp
The total number of prime number in the list: 6
```

Program 10:

```
========== RESTART: C:\p
[1, 2, 3, 6, 9, 8, 7, 4, 5]
```

Program 11:

```
Enter the weight:45
Enter the height:175
0.0014693877551020407
Under Weight
```

Program 12:

```
Enter the score:60
grade:F
Status:Fail
```

Program 13:

```
madam is palindrome
apple is not palindrome
racecar is palindrome
level is palindrome
hello is not palindrome
civic is palindrome
world is not palindrome
deified is palindrome
rotor is palindrome
```

Program 14:

```
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
```