

Program 1:

```
-----
Enter a number:3
Enter a number:4
0.75

===== RESTART: C:/python/s
Enter a number:4
Enter a number:0
Zero division error
None
|
```

Program 2:

```
===== RESTART: C:\python\sprint
Enter a number1:23
Enter a number2:45
0.5111111111111111

===== RESTART: C:\python\sprint
Enter a number1:33
Enter a number2:test
invalid input

===== RESTART: C:\python\sprint
Enter a number1:2
Enter a number2:0
can't divide by zero
|
```

Program 3:

```
=
try
catch
finally
```

Program 4:

```

===== RESTART: C:\python\sprint2\taskpracti
Enter your age: fgh
Invalid input, please enter number only.

===== RESTART: C:\python\sprint2\taskpracti
Enter your age: 18
you can enter successfully.

===== RESTART: C:\python\sprint2\taskpracti
Enter your age: 18
you can enter successfully.

```

Program 5:

```

===== RESTART: C:\python\sprint2\taskpracti
Enter a number: 34
Enter a number: f
Invalid input, please enter intergers only.

===== RESTART: C:\python\sprint2\taskpracti
Enter a number: 45
Enter a number: 5
9.0
operation Successful.

```

Program 6:

```

===== RESTART: C:\python\sprint2\taskpracti
Enter the password: qlw2e3r4
Your password: qlw2e3r4
|

```

Program 7:

```

log_error - Notepad
File Edit Format View Help
can't divide by zero.

```

Program 8:

```

===== RESTART: C:\python
Enter a number:10
Enter a number:0
can't divide by zero
|

```

Program 9:

```

===== RESTART: C:\python\spr
Enter the file name:data
file does not exist
|

```

Program 10:

```

===== RESTART: C:\python\sp
Enter a number:45
Success you enter the number. 45

===== RESTART: C:\python\sp
Enter a number:file
Invalid input

```

Program 11:

```

===== RESTART: C:\python\sprint:
Enter your name:Alice
Enter your age:25
Hello Alice,you are 25 years old!
|

```

Program 12:

```

===== RESTART: C:\python\sprint2\taskpr
Enter the number:45
Using F_string formatting: 45.00
Using format() formatting: 45.00
|

```

Program 13:

```

===== RESTART: C
Item      |      price
-----
Pen       |      Rs.10
Pencil    |      Rs.15
Scale     |      Rs.5
Eraser    |      Rs.8
|

```

Program 14:

```
===== RESTART: C:\python\sprint2\taskpra
John is 30 old and lives in New York.
```

Program 15:

```
===== RESTART: C:\p
Enter the number:10000000
10,000,000
```

Program 16:

```
----- RESTART: C:\python\sprint2\taskpractices.py -----
Enter the password:123
Error: The password 123 is too short.It must be atleast 8 characters.
```

Program 17:

```
----- RESTART: C:\python\sprint2\taskpractices.py -----
Today is May 12 2025, and the time is 02:21 PM
```

Program 18:

```
----- RESTART: C:\python\s
Enter your name:Abc
Enter your age:22
Enter your email:abc@gmail.com

name: Abc
age: 22
email: abc@gmail.com
```

Program 19:

```
1.raj
2.rohit
3.allu
```

Program 20:

```
Python3: C:\python\python.exe demo.py
Enter the file name:demo
Enter a text that add into the file:orange
Updated content:
apple
grape
orange
|
```