

A-10.py project1.py A-26.py A-27.py A-23.py A-25.py A-24.py A-20.py A-21.py

A-27.py > ...

```
1  # 1. Write a python script to create a ArithmeticError
2
3  arithmetic = 5/0
4  print(arithmetic)
5
6
7  # 2. Write a python script to create a ValueError
8
9  valueerror = math.sqrt(-19)
10 print(valueerror)
11
12 # 3. Write a python script to handle the ArithmeticError
13 try:
14     arithmetic = 5/0
15     print(arithmetic)
16 except ArithmeticError:
17     print('You have just made an Arithmetic error')
18
19 # 4. Write a python script to handle a ValueError
20 import math
21 try:
22     valueerror = math.sqrt(-19)
23 except ValueError:
24     print("Value error")
25
26 # 5. Write a python script to handle multiple Exception in one try
27 import math
28 try:
29     valueerror = math.sqrt(-19)
30 except ArithmeticError:
31     print('You have just made an Arithmetic error')
32 except ValueError:
33     print("Value error")
34
```

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```
27 import math
28 try:
29     valueerror = math.sqrt(-19)
30 except ArithmeticError:
31     print('You have just made an Arithmetic error')
32 except ValueError:
33     print("Value error")
34
35 # 6. Write a python script to create a calculator with 4 basic operations, and handle a
36 # maximum number of exceptions.
37 try:
38     print("add")
39     add = int(input("enter a first number:")) + int(input("enter a second number"))
40     print("sub")
41     sub = int(input("enter a first number:")) - int(input("enter a second number"))
42     print("div")
43     div = int(input("enter a first number:")) / int(input("enter a second number"))
44     print("mul")
45     mul = int(input("enter a first number:")) * int(input("enter a second number"))
46     print(add)
47     print(sub)
48     print(div)
49     print(mul)
50 except ArithmeticError:
51     print('You have just made an Arithmetic error')
52 except ValueError:
53     print("Value error")
54 # 7. Write a python script to add a finally block for the above script
55 try:
56     arithmetic = 5/0
57     print(arithmetic)
58 except ArithmeticError:
59     print('You have just made an Arithmetic error')
60 finally:
61     print("i don't know")
62 # 8. Write a python script to implement try except and else block for division
```

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```
57 | print(arithmetic)
58 | except ArithmeticError:
59 |     print('You have just made an Arithmetic error')
60 | finally:
61 |     print("i don't know")
62 | # 8. Write a python script to implement try except and else block for division
63 |
64 | try:
65 |     arithmetic = 5/1
66 |     print(arithmetic)
67 | except ArithmeticError:
68 |     print('You have just made an Arithmetic error')
69 | else:
70 |     print(5/2)
71 | finally:
72 |     print("i don't know")
73 |
74 | # 9. Write a python script to raise a ValueError.
75 |
76 | valueerror = math.sqrt(-19)
77 | print(valueerror)
78 |
79 | # 10. Write a python script to implemented a nested Try Except block
80 | try:
81 |     arithmetic = 5/0
82 |     print(arithmetic)
83 |     try:
84 |         arithmetic = 5/1
85 |         print(arithmetic)
86 |     except ArithmeticError:
87 |         print("it is error of 2 try")
88 | except Exception:
89 |     print("it is handling 1 try block")
```