

✓ PRACTICE_4

TASK_1.PY

TASK_2.PY

TASK_3.PY

TASK_4.PY

TASK_5.PY

TASK_6.PY

TASK_7.PY

TASK_8.PY

TASK_9.PY

TASK_1.PY > ...

```
1 a=int(input("Enter your number:"))
2 if a>0:
3     print("Positive")
4 else:
5     print("Negative")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_1.PY

Enter your number:10

Positive


PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_1.PY


Enter your number:-6


Negative


PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> █


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 TASK_2.PY > ...

```
1 a=int(input("Enter the value:"))
2 if a%2==0:
3     print("Even number")
4 else:
5     print("Odd number")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_2.PY

Enter the value:50

Even number

PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_2.PY

Enter the value:45

Odd number

PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> █

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TASK_9.PY

TASK_3.PY > ...

```
1 a=int(input("Enter the base:"))
2 b=int(input("Enter the exponent:"))
3 result=a**b
4 print("The result is:", result)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_3.PY
Enter the base:5
Enter the exponent:2
The result is: 25
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> |
```

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TASK_4.PY > ...

```
1 a=int(input("Enter the value of a:"))
2 b=int(input("Enter the value of b:"))
3 if a>b:
4     print("A ia greater than B")
5 elif a<b:
6     print("A is less than B")
7 else:
8     print("Both are equal")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_4.PY
Enter the value of a:20
Enter the value of b:30
A is less than B
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_4.PY
Enter the value of a:50
Enter the value of b:50
Both are equal
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_4.PY
Enter the value of a:40
Enter the value of b:10
A ia greater than B
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> 
```

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TASK_9.PY

TASK_5.PY > ...

```
1  year=int(input("Enter the year:"))
2  if year%4==0:
3      print("Leap Year")
4  else:
5      print("Non-leap Year")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\De11_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_5.PY

Enter the year:2024

Leap Year

PS C:\Users\De11_PC\Desktop\ASSIGNMENT\PRACTICE_4> █

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TASK_8.PY

TASK_9.PY

TASK_6.PY > ...

```
1  mark=int(input("Enter the mark:"))
2  if mark>90 and mark<100:
3      print("Grade A")
4  elif mark>80 and mark<89:
5      print("Grade B")
6  elif mark>70 and mark<79:
7      print("Grade C")
8  elif mark>60 and mark<69:
9      print("Grade D")
10 else:
11     print("Grade F")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_6.PY
Enter the mark:75
Grade C
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_6.PY
Enter the mark:50
Grade F
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_6.PY
Enter the mark:90
Grade F
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_6.PY
Enter the mark:85
Grade B
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> 
```

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- TASK_9.PY

TASK_7.PY > ...

```
1 age=int(input("Enter your age:"))
2 if age<16:
3     print("You can't drive")
4 elif age>=16 and age<=17:
5     print("You can drive but not vote")
6 elif age>18 and age<24:
7     print("you can vote but not rent a car")
8 elif age>=25:
9     print("You can do pretty much anything")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_7.PY
Enter your age:28
You can do pretty much anything
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_7.PY
Enter your age:22
you can vote but not rent a car
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_7.PY
Enter your age:17
You can drive but not vote
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_7.PY
Enter your age:9
You can't drive
PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> 
```

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TASK_7.PY > ...

```
1 age=int(input("Enter your age:"))
2 if age<16:
3     print("You can't drive")
4 elif age>=16 and age<=17:
5     print("You can drive but not vote")
6 elif age>18 and age<24:
7     print("you can vote but not rent a car")
8 elif age>=25:
9     print("You can do pretty much anything")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS C:\Users\Dell_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_8.PY

```
1
2
3 Fizz
4
5 Buzz
6 Fizz
7
8
9 Fizz
10 Buzz
11
12 Fizz
13
14
15 FizzBuzz
16
17
18 Fizz
19
20 Buzz
21 Fizz
22
23
24 Fizz
25 Buzz
```

> OUTLINE

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TASK_2.PY

TASK_3.PY

TASK_4.PY

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TASK_6.PY

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TASK_8.PY

TASK_9.PY

TASK_9.PY > ...

```
1  y=int(input("Enter the year:"))
2  if (y%4==0 and y%100!=0) or (y%400==0):
3      print("Leap Year")
4  else:
5      print("Not a leap year")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\De1l_PC\Desktop\ASSIGNMENT\PRACTICE_4> python TASK_9.PY
Enter the year:1996
Leap Year
PS C:\Users\De1l_PC\Desktop\ASSIGNMENT\PRACTICE_4> 
```