Coding Python

Auto saved at 18:49:58

Ex:5

RUN MENU

```
1 num = -65
2 if num>0:
3     print(f"it is positive numbers")
4 elif num==0:
5     print(f"it is zero")
6 else:
7     print(f"it is negative")
8
```

Compile Result

```
it is negative

[Process completed - press Enter]
```

Ex:4

```python
username="admin"
password="12345"

input_username=input("enter your username:")
input_password=input("enter your password:")

if username==input_username:
        if password==input_password:
            print(f"successfully login")
        else:
            print(f"username and password invalid:")
else:
    print(f" login failed")


```

Compile Result

```
enter your username:admin
enter your password:12345
successfully login

[Process completed - press Enter]
```

Coding Python

Auto saved at 18:17:26

Ex:9

RUN ME

```python
year=int(input("enter a year:"))
if year%400==0:
    print(f"leap year")
elif year%400==0  and year%100!=0:
    print(f"leap year ")
else:
    print(f"not leap year")
```

```
enter a year:2023
not leap year

[Process completed - press Enter]
```

Coding Python

RUN MEN

Auto saved at 20:32:12

Ex:3

```
1 age = 18
2 if age>=18:
3     print(f"your are an_adult")
4 else:
5      print(f"you are mirror")
```

```
your are an_adult

[Process completed - press Enter]
```

Coding Python Ex:7

RUN MENU

Auto saved at 20:47:20

```python
marks=int(input("enter a number:"))
if marks>=180:
    print("A grade")
elif marks>=100:
    print("B grade")
elif marks>=80:
    print("C grade")
elif marks>=50:
    print("D grade")
else:
    print ("f grade")
```

Compile Result

```
enter a number:180
A grade

[Process completed - press Enter]
```

Coding Python Ex:1

RUN MENU

Auto saved at 20:51:36

```
num=int(input("enter a number:"))
if num%2==0:
    print(f"even")
else:
    print (f"odd")
```

Compile Result

```
enter a number:2
even

[Process completed - press Enter]
```

Auto saved at 22:55:19

```python
def is_leap_year(year):
    if (year % 4 == 0) and (year % 100 != 0) or (year % 400 == 0):
        return True
    else:
        return False

year = 2000
if is_leap_year(year):
    print(year, "is a leap year")
else:
    print(year, "is not a leap year")
```

EX:2

Compile Result

```
2000 is a leap year

[Process completed - press Enter]
```

Coding Python

Nothing changed

EX:6

RUN MENU

```python
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))
num3 = int(input("Enter the third number: "))

if num1 > num2 and num1 > num3:
    largest = num1
elif num2 > num1 and num2 > num3:
    largest = num2
else:
    largest = num3

print("The largest number is", largest)
```

Compile Result

```
Enter the first number: 1
Enter the second number: 2
Enter the third number: 3
The largest number is 3

[Process completed - press Enter]
```

Coding Python

Auto saved at 23:01:10

Ex:8

RUN MENU

```python
def isPrime(num):
    if num <= 1:
        return False
    if num <= 3:
        return True
    if num % 2 == 0 or num % 3 == 0:
        return False
    i = 5
    while i * i <= num:
        if num % i == 0 or num % (i + 2) == 0:
            return False
        i += 6
    return True
num = 11
if (isPrime(num)):
    print(num, "is a prime number")
else:
    print(num, "is not a prime number")

```

Compile Result

```
11 is a prime number

[Process completed - press Enter]
```

Coding Python Ex:10

RUN MENU

Auto saved at 23:04:07

```python
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))

if num1 > num2:
    print(num1, "is larger than", num2)
elif num1 < num2:
    print(num2, "is larger than", num1)
else:
    print(num1, "is equal to", num2)

```

Compile Result

```
Enter the first number: 1
Enter the second number: 2
2 is larger than 1

[Process completed - press Enter]
```