**Python 1.12**

CODE:

a=5

print(type(a))

b="india"

print(type(b))

c=3.14

print(type(c))

OUTPUT:

<class 'int'>

<class 'str'>

<class 'float'>

CODE:

print("\n\n")

e = """India, officially the Republic of India,

is a country in South Asia. It is the second-most

populous country,

the seventh-largest country by land area,

and the most populous democracy in the world."""

print(e)

OUTPUT:

India, officially the Republic of India,

is a country in South Asia. It is the second-most

populous country,

the seventh-largest country by land area,

and the most populous democracy in the world.

CODE:

f = "Hello, World!"

print(f[1])

g = "Hello, World!"

print(g[-1])

OUTPUT:

e

!

CODE:

String1="India ISRO DRDO"

print("Initial String: ")

print(String1[3:-2])

OUTPUT:

Initial String:

ia ISRO DR

CODE:

a="akshat kumar"

print(len(a))

OUTPUT:

12

CODE:

k="     hey i am akshat"

print(k.strip())

j="      hello there i am akshat kumar       ."

print(j.strip())

OUTPUT:

hey i am akshat

hello there i am akshat kumar .

CODE:

l="Akshat Kumar"

print(l.lower())

m="akshat kumar"

print(m.upper())

OUTPUT:

akshat kumar

AKSHAT KUMAR

CODE:

arc="AAAABBBCCC"

print(arc.replace("A", "D"))

OUTPUT:

DDDDBBBCCC

CODE:

abc="Hey there i am akshat kumar"

s="akshat" in abc

print(s)

OUTPUT:

True

CODE:

ac="this is computer language and programming"

g="science" in ac

print(g)

OUTPUT:

False

CODE:

a="hey "

b="there"

c=a+b

print(c)

OUTPUT:

hey there

CODE:

a=2

a=5

g=7

k=a+g

print(k)

OUTPUT:

12

INPUT:

age=18

txt="My name is akshat, and i am {}"

print(txt.format(age))

OUTPUT:

My name is akshat, and i am 18

INPUT:

ag1=18

ag2=50

ag3=45

txt="My age is {}, my father's age is {}, and my mom's age is {}."

print(txt.format(ag1,ag2,ag3))

OUTPUT:

My age is 18, my father's age is 50, and my mom's age is 45.

INPUT:

apple=60

mango=90

lime=15

txt="the price of aple is {}, mango is {}, and lime is {}."

print(txt.format(apple,mango,lime))

OUTPUT:

the price of aple is 60, mango is 90, and lime is 15.

INPUT:

txt="hey there i am \"akshat\"."

print(txt.capitalize())

OUTPUT:

Hey there i am "akshat".

INPUT:

txt="i am akshat of khagaria"

print(txt.count("a"))

OUTPUT:

6

INPUT:

demo="this is vit"

print(demo.endswith("t"))

OUTPUT:

True

INPUT:

a="hey"[::-1]

print(a)

b="akshat"[::-1]

print(b)

OUTPUT:

yeh

tahska

INPUT:

i=0

text="PINEAPPLE"

while i < len(text):

    print(text[i])

    i += 1

OUTPUT:

P

I

N

E

A

P

P

L

E

INPUT:

print("\n\n\n")

i=65

j=1

while j <= 26:

    print (chr(i))

    i=i+1

    j=j+1

OUTPUT:

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

1. Program to print all characters in a given string in forward and reverse order.

txt=input("Enter your words: ")

print(txt)

print(txt[::-1])

**OUTPUT:**

