What is Python?

Python is an object-oriented, high-level programming language with dynamic semantics that is interpreted. Its high-level built-in data structures, combined with dynamic typing and dynamic binding, make it very appealing for use as a scripting or glue language to connect existing components together. Python's simple, easy-to-learn syntax emphasises readability, lowering programme maintenance costs which makes it the most relied programming language.

#2)login

user=input("user name")

password=input("password")

if(user == "strm" and password == "1610"): print("welcome")

else:

print("try again")

user namestrm

password1610

welcome

#3)

num = int(input("Enter a number: ")) if (num % 2) == 0:

print("{0} is Even number".format(num)) else:

print("{0} is Odd number".format(num))

Enter a number: 5 is Odd number

#4)

fruits = ["Apple", "Mango", "Grapes", "Fig"] for fruit in fruits:

print(fruit)

 Apple Mango GrapesFig