Business Analytics Assignment

[ PYTHON ]

1. **Python?**

Python is a very popular general-purpose interpreted, interactive, object-oriented, and high-level programming language. Python is dynamically-typed and garbage-collected programming language. It was created by Guido van Rossum during 1985- 1990.Python is an interpreted language, do not need to be compiled to run. It is a high level language which means a programmer can focus on what to do instead of how to di it. Writing programs in python takes less time than in another language. It directly interpreted into machine instructions. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance.

1. **Create a login function**

def login():

    username = input("Please enter your username: ")

    password = input("Please enter your password: ")

    if username == "Manoj" and password == "1234":

        print("Welcome", username)

    else:

        print("Invalid username or password!")

1. **Write a program to find odd or even number**

print('Find the odd or Even')

Type\_Number = int(input('Enter the number\n'))

if Type\_Number % 2 == 0:

 print("its even number")

else:

     print("its odd number")

1. **Create a list of fruits and iterate through them**

print('List of Fruits')

Fruits = ['Apple', 'Banana', 'Cherry','Pineapple','Mango','Watermelon']

for A in Fruits:

    print(A)