In [1]:
```
print("Name : ")
```

In [2]:
```
#import the libraries
import pandas as pd
from matplotlib import pyplot as plt
#Task 1
#Read the bmi.csv
bmi_df = pd.read_csv('bmi.csv')
print(bmi_df)
```

In [3]:
```
#Task 2
#Data is sorted in descending order in accordance with BMI value
#Find the top 5 age group where the BMI value is the highest, and plot a ba
bmi_top_5 = bmi_df.head(5)
name = bmi_top_5['Age']
number = bmi_top_5['BMI']

plt.xlabel('Age')
plt.xticks(rotation='vertical')
plt.ylabel('BMI')

label = name
name = number
print(label)
print(name)

plt.bar(label,name,width=0.4,color=('blue','red','green','purple','pink'))
```

In [4]:
```
#Task 3
#Read blood_pressure.csv
blood_pressure_df = pd.read_csv('blood_pressure.csv')
print(blood_pressure_df)
```

In [5]:
```
#Task 4
#Data is sorted in ascending order in accordance with Blood Pressure
#Find the top 5 age group where the BloodPressure value is the highest, and
BloodPressure_top_5 = blood_pressure_df.tail(5)
print(BloodPressure_top_5)
name = BloodPressure_top_5['Age']
number = BloodPressure_top_5['BMI']

plt.xlabel('Age')
plt.xticks(rotation='vertical')
plt.ylabel('Blood Pressure')

label = name
name = number
print(label)
print(name)

plt.bar(label,name,width=0.4,color=('blue','red','green','purple','pink'))
```

In [5]:
```
#Task 4
#Data is sorted in ascending order in accordance with Blood Pressure
#Find the top 5 age group where the BloodPressure value is the highest, and
BloodPressure_top_5 = blood_pressure_df.tail(5)
print(BloodPressure_top_5)
name = BloodPressure_top_5['Age']
number = BloodPressure_top_5['BMI']

plt.xlabel('Age')
plt.xticks(rotation='vertical')
plt.ylabel('Blood Pressure')

label = name
name = number
print(label)
print(name)

plt.bar(label,name,width=0.4,color=('blue','red','green','purple','pink'))
```

In [6]:
```
#Task 5
#Read the insulin.csv
insulin_df = pd.read_csv('insulin.csv')
print(insulin_df)
```

In [ ]:
```
#Task 6
#Data is sorted in descending order in accordance with Insulin value
#Find out what will be the Glucose and BMI value when the Insulin is highes
top_1 = insulin_df.head(5)
print("When Insulin is the highest Glucose is:" + top_1)
print("When Insulin is the highest bmi is:" + bmi_top_5)
```

In [ ]:

In [ ]: