**PRACTICAL – 10**

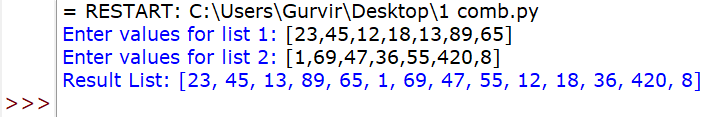
**Aim: Program to pass two list of integers in a function that will create third list that will contain all odd numbers of both given list on its left side and all the even numbers both given list on its right side.**

Code:

A screenshot of a computer program

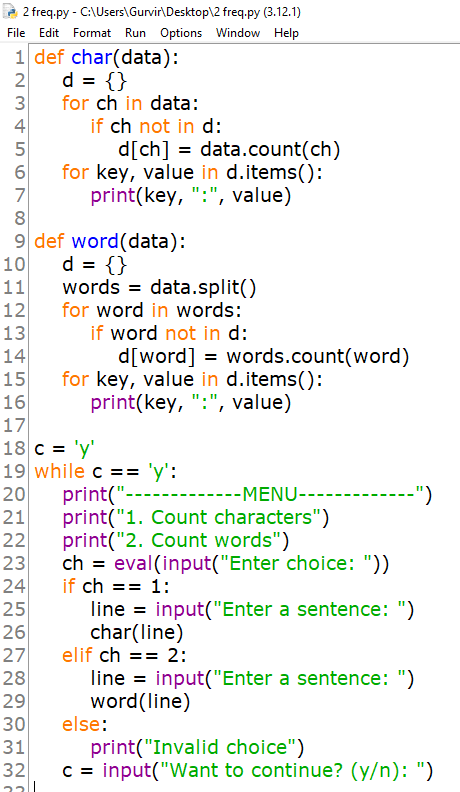
Description automatically generated

Output:

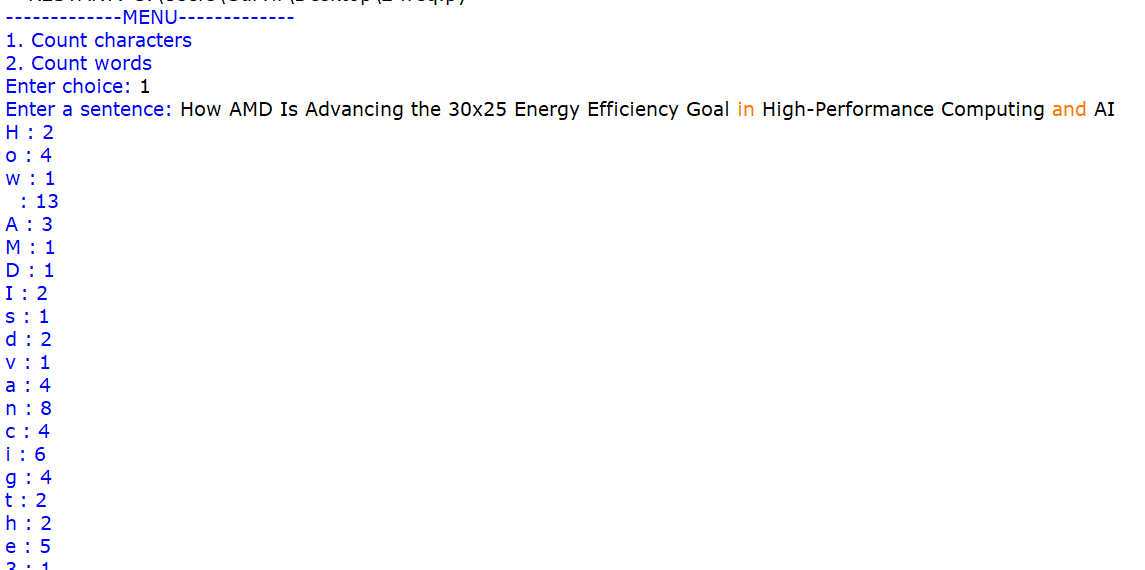


**PRACTICAL – 11**

**Aim: Program to find frequency of a word in a sentence using functions and dictionary.**

Code:

Output:

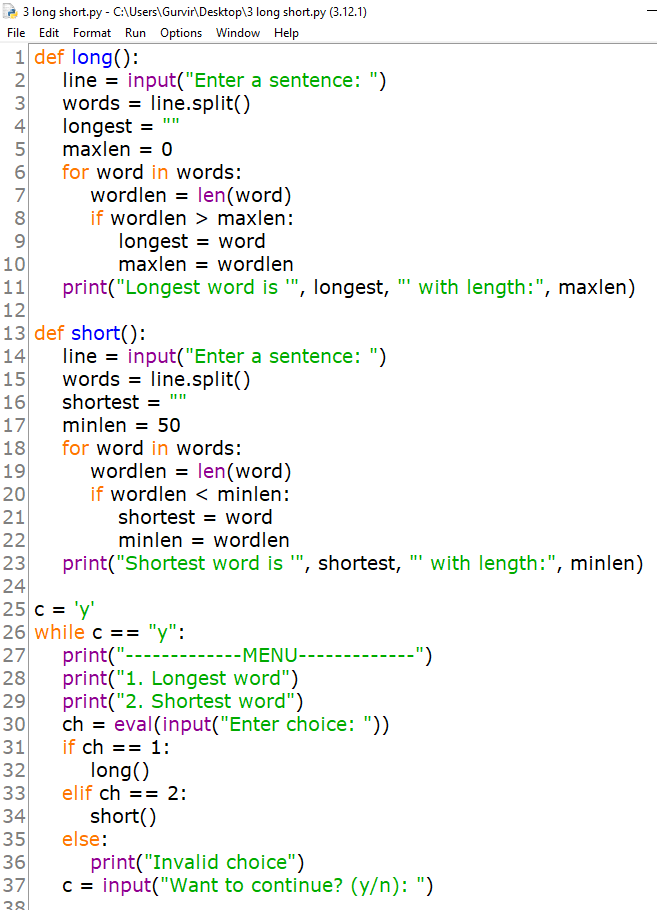


A white background with black text

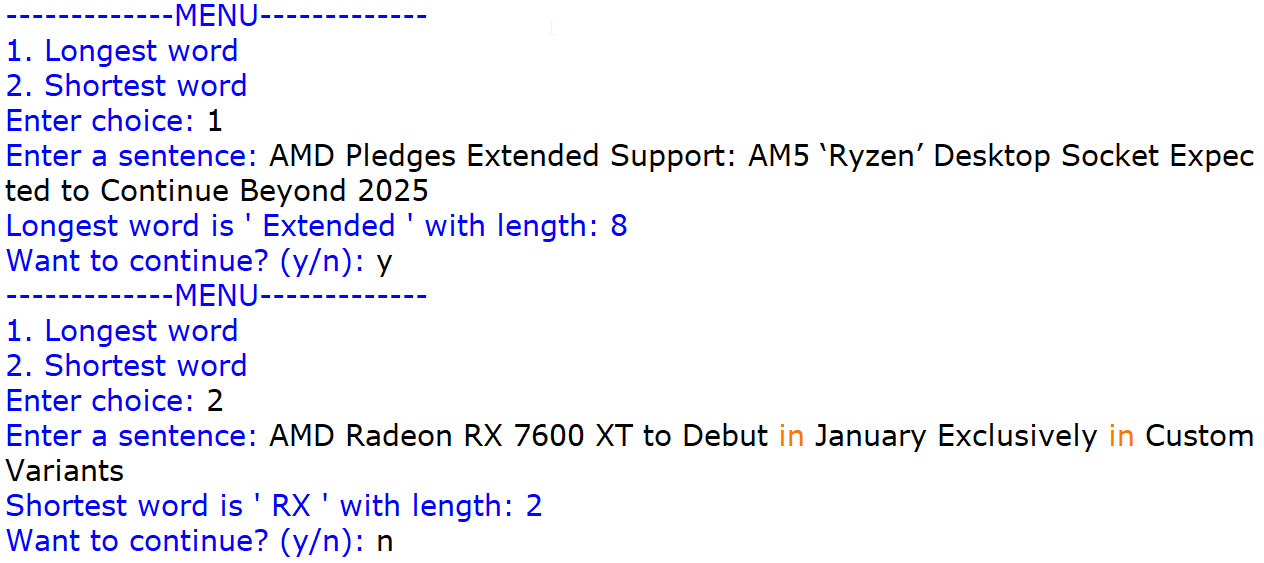
Description automatically generated

**PRACTICAL – 12**

Aim: Program to find the longest and shortest word with their length using functions.

Code:

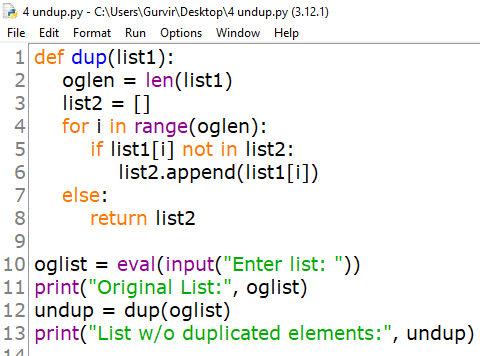
Output:



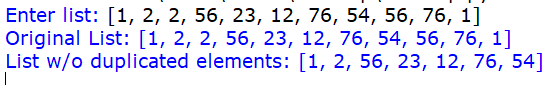
**PRACTICAL – 13**

Aim: Program to remove duplicate elements from a list using function.

Code:



Output:



**PRACTICAL – 14**

Aim: Program to count number of vowels in a para.txt.

**File:**

A close-up of a text

Description automatically generated

Code:

A screenshot of a computer program

Description automatically generated

Output:

A close up of a logo

Description automatically generated

**PRACTICAL – 15**

Aim: Program to count number of occurrences of the word ‘the’ and ‘is’ in a para.txt.

**File:**

A close-up of a text

Description automatically generated

Code:

A screenshot of a computer program

Description automatically generated

Output:

A close up of a text

Description automatically generated

**PRACTICAL – 16**

Aim: Program to count the number of lines containing the word given by the user anywhere in the line in para.txt.

**File:**

A close-up of a text

Description automatically generated

Code:

A screenshot of a computer program

Description automatically generated

Output:

A close-up of a message

Description automatically generated

**PRACTICAL – 17**

Aim: Program to store student data in a binary file taken from the user in the form of list and then display the record of those students whose age is more than 15 years.

Code:

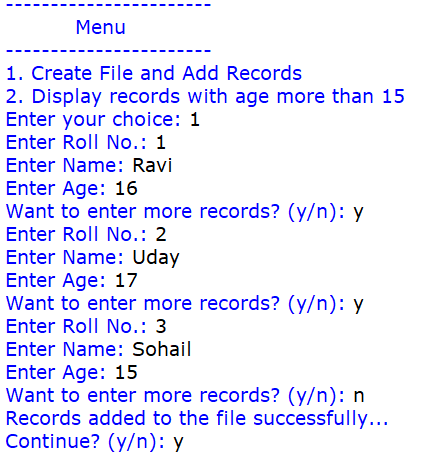
A computer code with text

Description automatically generated with medium confidence

A screenshot of a computer program

Description automatically generated

Output:



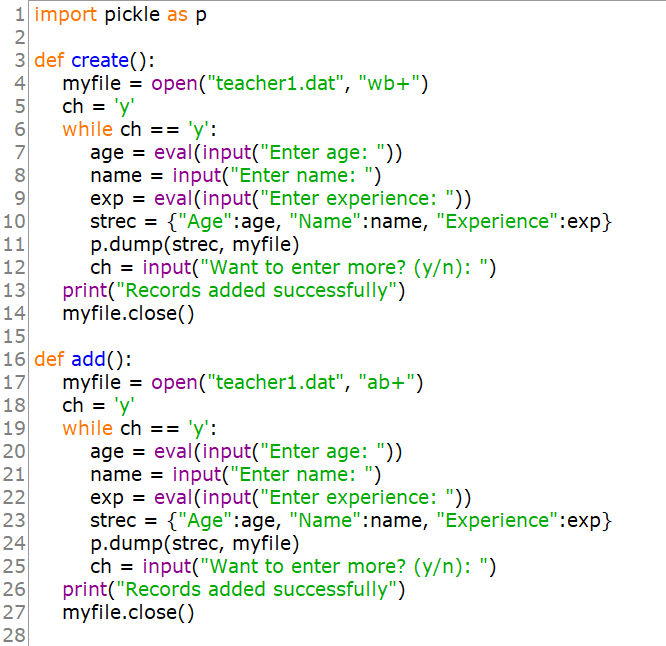
A close-up of a line

Description automatically generated

**PRACTICAL – 18**

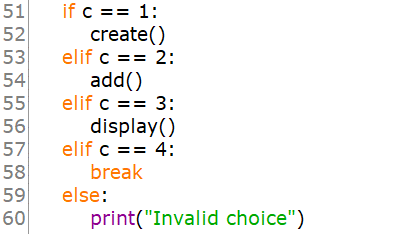
Aim: Program to store teaches data in a binary file taken from the user in the form of dictionary and then display the record of those teachers whose experience is between 5 and 10 years.

Code:



A screenshot of a computer program

Description automatically generated



Output:

A screenshot of a menu

Description automatically generated

A screenshot of a computer

Description automatically generated

**PRACTICAL – 19**

Aim: Program to store product details in a csv file taken from user in the form of list and then display the records of those whose price is more than 100rs.

Code:

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

Output:

A screenshot of a menu

Description automatically generated

A screenshot of a computer

Description automatically generated

**PRACTICAL – 20**

Aim: Program to take student data from user in the form of list and show push and pop operation with that data in a stack.

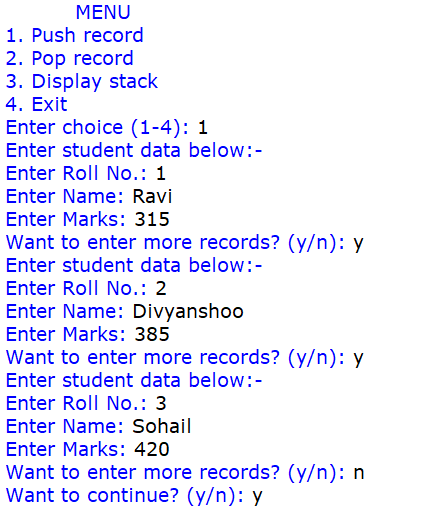
Code: A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

Output:



A close up of blue text

Description automatically generated

A close-up of a number

Description automatically generated