**Q.4** A. Describe Structures in C++ ? B.Write down a C++ program that will declare and initialize two arrays holding array elements Array1=(34,56,78,12,11,23) Array2=(44,55,61,2,4,91) and perform arithmetic multiplication of array1 and array2 by using pointers.

**Structure in c++**

Structure is a collection of variables of different data types under a single name. It is similar to a class in that, both holds a collection of data of different data types.

**INPUT:**

#include <iostream>

#include<conio.h>

#include<string.h>

using namespace std;

void mult(int \*r1,int \*r2)

{

int n[6];

int \*rd;

rd=n;

for (int i = 0 ; i<=5 ;i++){

\*rd= (\*r1) \* (\*r2);

cout<<i<<\*r1<<"\*"<<\*r2<<"="<<\*rd<<endl;

r1++;

r2++;

}

cout<<endl<<\*n;

}

int main()

{

cout<<"KABEER AHMED"<<endl;

cout<<"SE-19028"<<endl;

int ar1[6]={34,56,78,12,11,23};

int ar2[6]={44,55,61,2,4,91};

int \*r1,\*r2;

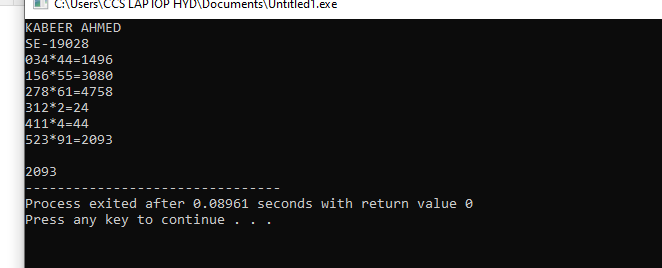
r1=ar1;r2=ar2;

mult(ar1,ar2);

return 0 ;

}

**OUTPUT:**

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