Task 1

#include <iostream>

using namespace std;

int main(){

int umr[11];

for(int i=1;i<11;i++){

cout<<"Enter integer no."<<i<<endl;

cin>>umr[i];

}

for(int i=1;i<11;i++){

cout<<umr[i]<<",";

}

}

Task 2

#include <iostream>

using namespace std;

int main(){

int umr[5];

for(int i=1;i<6;i++){

cout<<"Enter integer no."<<i<<endl;

cin>>umr[i];

}

int sum=0;

for(int i=1;i<6;i++){

sum=sum+umr[i];

}

cout<<"The sum of elements is :"<<sum<<endl;

int prd=1;

for(int i=1;i<6;i++){

prd=prd\*umr[i];

}

cout<<"The product of given elements is :"<<prd;

}

Task 3

#include using namespace std;

int main() {

char pattern[5];

int pos = 5 / 2;

int pos1 = pos;

int pos2 = pos;

for (int i = 0; i <=2; i++) {

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

if (j >= pos1 && j <= pos2) {

pattern[j] = '\*'; } else {

pattern[j] = ' '; }

}

for (int k = 0; k < 5; k++) { cout << pattern[k]; }

pos1 -= 1; pos2 += 1; cout << endl;

}

pos1 += 2; pos2 -= 2;

for (int e = 0;e <= 1; e++) {

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

if (j >= pos1 && j <= pos2) {

pattern[j] = '\*';

}

else {

pattern[j] = ' '; }

}

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

cout << pattern[k];

}

pos1 += 1; pos2 -= 1; cout << endl;

}

return 0;

}