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//Program No.15
/*Aim: Write a program in C++ to add numbers of an array using
pointers*/

#include<iostream.h>
#include<conio.h>
void main()
{
float a[]={10.2,3.9,4.6,5.5,6.9};
float *ptr,sum=0;
ptr=a;
clrscr();
cout<<"\nstarting address \tsize \tending address \tvalue of sum";
for(int i=0;i<5;i++)
{sum=sum + *ptr;
cout<<"\n"<<ptr<<"\t\t"<<sizeof(*ptr)<<"\t";
ptr=ptr+1;
cout<<ptr<<"\t"<<sum;
}
getch();
}

//output

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starting address	size	ending address	value of sum
0x8f36ffde	4	0x8f36ffe2	10.2
0x8f36ffe2	4	0x8f36ffe6	14.1
0x8f36ffe6	4	0x8f36ffea	18.700001
0x8f36ffea	4	0x8f36ffee	24.200001
0x8f36ffee	4	0x8f36fff2	31.1