#include <stdio.h>

int main()

{

//integer array\_initialization

int array\_1 [5]={1,2,3,4,5};

//chahr array\_initialization

char array\_2[6]={'A','r','y','a','n','\0'};

array\_1[5]=55;

//printing the value

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

printf("The array element[%d] has value:%d\n",i,array\_1[i]);

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

printf("The array element [%d] has value:%c\n",i,array\_2[i]);

int array\_3[2][2]={11,22,33,44};

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

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

printf("%d ",array\_3[i][j]);

}

printf("\n");

}

int\* ptr1 =&array\_1[0];

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

{printf("%d ",\*ptr1++);}

return 0;

}

#include <stdio.h>

void print\_array\_1(int array\_1[]){

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

printf("%d ",array\_1[i]);

}

}

int main()

{

int array\_1[5]={1,2,3,4,5};

print\_array\_1(array\_1);

return 0;

}