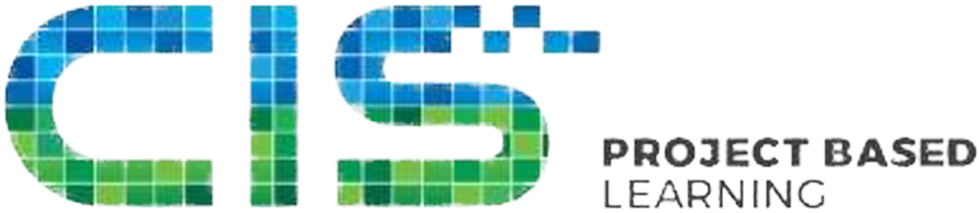
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## Course Title- Data Structures

Batch- 14: Section-B

Split odd and even in array

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**CODE :**

#include<stdio.h>

int main(){

int n;

printf("Enter number of elements of the main array :\n");

scanf("%d",&n);

int mainArray[n];

printf("Enter %d elements one after another\n:",n);

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

scanf("%d",&mainArray[i]);}

int even[n], odd[n];

int j=0, k=0;

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

if(mainArray[i]%2 == 0)

even[j++] = mainArray[i];

else{

odd[k++] = mainArray[i];}

}

printf("Array elements of even array are :\n");

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

printf("%d\n",even[i]);

}

printf("Elements of odd array are :\n");

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

printf("%d\n",odd[i]);

}

return 0;

}

