Linkcode Day 05

24/08/2022

Similar allocating memory continuously defined by using common name define by using a common name ich limit ich limit access by using index which element of an array excel by using index or subscript number Indian subscript number an index starts from zero.

#include <stdio.h>

#include <stdlib.h>

int main() {

int arr[5];

int i;

printf("Enter any five numbers in array");

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

{

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

}

printf("\n-----------Elements in array are------------------");

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

{

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

}

printf("\nElements in reverse order are\n");

for (i=4;i>=0;i--)

{

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

}

return 0;

}

Q .Enter any 10 elements in an array and count how many numbers are even and odd present in array

#include <stdio.h>

#include <stdlib.h>

int main() {

int arr[10];

int i,even=0,odd=0;

printf("\nEnter any ten number\n");

for(i=0;i<10;i++)

{

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

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

{

even++;

}

else

{

odd++;

}

}

printf("\ntotal even nos are : %d",even);

printf("\ntotal odd nos are : %d",odd);

return 0;

}

//Enter any 10 number and print sum of all the number and odd sum and even sum

#include <stdio.h>

#include <stdlib.h>

//Enter any 10 number and print sum of all the number

int main() {

int arr[10];

int i;

int sum=0;

int totalsum=0;

int even=0;

int odd=0;

int evensum=0;

int oddsum=0;

printf("\nEnter any ten numbers");

for(i=0;i<10;i++)

{

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

totalsum=sum+arr[i];

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

{

even=even+1;

evensum=evensum+arr[i];

}

else

{

odd=odd+1;

oddsum=odd+arr[i];

}

}

printf("\nsum of first ten nos is : %d",totalsum);

printf("\ntotal even nos are: %d and sum nos is : %d",even,evensum);

printf("\ntotal odd nos are: %d and sum nos is : %d",odd,oddsum);

return 0;

}