*PR-5: Array:-*

1. Write a C program to print all negative element from static array.

#include<stdio.h>

int main() {

int roll[5] = {-52, 32, -62, 97, 12} , i;

for (i=0; i<=4; i++) {

if (roll[i] < 0) {

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

}

}

return 0;

}

Output:-



2. Write a C program to print all negative element from dynamic array.

#include<stdio.h>

int main() {

int arr[100], n, i;

printf("Please enter size of an Array: ");

scanf("%d", &n);

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

printf("Please enter element of array %d: ",i);

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

}

printf("Ans element of array: ");

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

if (arr[i] < 0) {

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

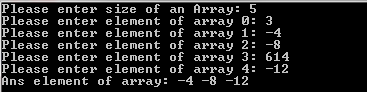
}

}

return 0;

}

Output:-



3. Write a C program to print all even element from static array.

#include<stdio.h>

int main() {

int roll[5] = {51 , 42, 86, 31, 321}, i;

for (i=0; i<=4; i++) {

if (roll[i] %2 == 0) {

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

}

}

return 0;

}

Output:-



4. Write a C program to print all odd element from dynamic array.

#include<stdio.h>

int main() {

int arr[100], n, i;

printf("Please enter size of an Array: ");

scanf("%d", &n);

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

printf("Please enter element of array %d: ",i);

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

}

printf("Ans element of array: ");

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

if (arr[i] %2 == 1) {

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

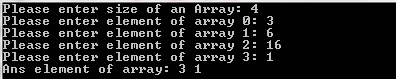
}

}

return 0;

}

Output:-



5. Write a C program to print all element that are divisible by 3 from dynamic array.

#include<stdio.h>

int main() {

int arr[100], n, i;

printf("Please enter size of an Array: ");

scanf("%d", &n);

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

printf("Please enter element of array %d: ",i);

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

}

printf("Ans element of array: ");

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

if (arr[i] %3 == 0) {

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

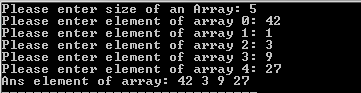
}

}

return 0;

}

Output:-



6. Write a C program to find max element from an dynamic array.

#include<stdio.h>

int main() {

int arr[100], n, i, max = 0;

printf("Please enter size of an Array: ");

scanf("%d", &n);

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

printf("Please enter element of array %d: ",i);

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

}

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

if (arr[i] > max) {

max = arr[i];

}

}

printf("Maximum Number is: %d", max);

return 0;

}

Output:-

