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| **Q1**.In C, if you pass an array as an argument to a function, what actually gets passed? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Value of elements in array | | [B.](javascript:%20void%200;) | First element of the array | | [C.](javascript:%20void%200;) | Base address of the array | | [D.](javascript:%20void%200;) | Address of the last element of array | |

**Q2**. Write the output of the following program.

main()

{

char s[ ]="man";

int i;

for(i=0;s[ i ];i++)

printf("\n%c%c%c%c",s[ i ],\*(s+i),\*(i+s),i[s]);

}

**Q3.** Write the output of the following program.

main()

{

int c[ ]={2.8,3.4,4,6.7,5};

int j,\*p=c,\*q=c;

for(j=0;j<5;j++) {

printf(" %d ",\*c);

++q; }

for(j=0;j<5;j++){

printf(" %d ",\*p);

++p; }

}

**Q4**. Write the output of the following program.

main()

{

char \*p;

printf("%d %d ",sizeof(\*p),sizeof(p));

}

**Q5**. Write the output of the following program.

main()

{

char \*p;

p="Hello";

printf("%c\n",\*&\*p);

}

**Q6**. Write the output of the following program.

main( )

{

int a[ ] = {10,20,30,40,50},j,\*p;

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

{

printf(“%d” ,\*a);

a++;

}

p = a;

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

{

printf(“%d ” ,\*p);

p++;

}

}

**Q7**. Write the output of the following program.

void main( )

{

char \*str1="abcd";

char str2[]="abcd";

printf("%d %d %d",sizeof(str1),sizeof(str2),sizeof("abcd"));

}

**Q8**. Write the output of the following program.

# include <stdio.h>

int one\_d[]={1,2,3};

main()

{

int \*ptr;

ptr=one\_d;

ptr+=3;

printf("%d",\*ptr);

}

**Q9**. Write the output of the following program.

# include<stdio.h>

aaa() {

printf("hi");

}

bbb(){

printf("hello");

}

ccc(){

printf("bye");

}

main()

{

int (\*ptr[3])();

ptr[0]=aaa;

ptr[1]=bbb;

ptr[2]=ccc;

ptr[2]();

}

**Q10.** Write the output of the following program.

main()

{

int a[10];

printf("%d",\*a+1-\*a+3);

}

**Q11.** Write the output of the following program.

void main()

{

int i=10, j=2;

int \*ip= &i, \*jp = &j;

int k = \*ip/\*jp;

printf(“%d”,k);

}