

## Test (C Programming) | HEADNODE SOLUTIONS | Time:15 Min

1. `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;
    }
}
```

2. `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++;
    }
}
```

3. `void main()`

```
{
    static int a[] = {0, 1, 2, 3, 4};
    int *p[] = {a, a+1, a+2, a+3, a+4};
    int **ptr = p;
    ptr++;
    printf("\n %d %d %d", ptr-p, *ptr-a, **ptr);
    *ptr++;
    printf("\n %d %d %d", ptr-p, *ptr-a, **ptr);
    *++ptr;
}
```

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```
printf("\n %d %d %d", ptr-p, *ptr-a, **ptr);  
++*ptr;  
printf("\n %d %d %d", ptr-p, *ptr-a, **ptr);  
}
```

```
4. main()  
{  
    main();  
}
```

```
5. main()  
{  
    char *cptr,c;  
    void *vptr,v;  
    c=10; v=0;  
    cptr=&c; vptr=&v;  
    printf("%c%v",c,v);  
}
```

```
6. #include <stdio.h>  
    int one_d[]={1,2,3};  
    main()  
    {  
        int *ptr;  
        ptr=one_d;  
        ptr+=3;  
        printf("%d",*ptr);  
    }
```

```
7. main()  
{  
    int i=0;j=0;  
    if(i && j++)  
        printf("%d..%d",i++,j);  
    printf("%d..%d",i,j);  
}
```

```
8. main()  
{  
  
    int a[10];  
  
    printf("%d",*a+1-*a+3);  
  
}
```