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Myself **Vasanth U** has placed in *SAFRAN*with the help of Vector India placement cell. I take this opportunity to thank Vector India Bangalore Heartfeltly. Joined Vector India made a turning point in my career, where I learnt so many thinks. Thanks for made me fulfilled.

I also wish all my friends and batch mates(B89) to get placed in good companies. **"Vector India keep doing this great job"**.

About the Interview process

1st Round   :   Written test – 15 C questions & 10 Apps.

2nd Round   :   1st Technical HR about C & B.E/B.Tech Projects.

3rd Round   :   2nd Technical HR about Academic Subjects

&B.E/B.TechProjects.

4th Round   :   General HR about company and self-profile (Family,

Ambition, Role model, etc.).

Some questions:

1. Which one is doing same job
   i.   ++(*p) and *p++
   ii.   *++p and (*p)++

   i.yes, yes
   ii.No, yes
   iii.yes, No
   iv.No, No

2. What is the Output of this program
   main()

```
{
        int a[]={2,-3,4,-5,6,-7,8,-9,10,-11};
        int k=0, j, i, x;
        for(i=0;i<10;i++)
        {
                x=a[ i ];
                if(x<0)
                {
                        for(j=k ; j<9;j++)
                        a[ j ]=a[ j+1];
                        a[ 9 ]=x;
                }
                else
                        k++;
        }
        for(i=0;i<10;i++)
        printf("%d \t",a[ i ]);
}
```
i.-3,-5,-7,-9,-11,2,4,6,8,10
ii.2,4,6,8,10,-3,-5,-7,-9,-11
iii.10,8,6,4,2,-3,-5,-7,-9,-11
iv.2,4,6,8,10,-11,-9,-7,-5,-3

3. int a=4;
    printf("%d %d %d\n" , sizeof(a++), sizeofa++, a++);
    what it will print?

    i.4,5,4
    ii.4,4,4
    iii.Error
    iv.4,5,6

4. int b=2;
    #if 5<7
    printf("%d\n" ,b+1);
    #elif2
    printf(" %d",b+2);
```

```
#else
printf("%d",b+3);
#endif
```

i.3
ii.4
iii.5

5. signed inti;
```
for(i=0;i++;)
printf("%d",i);
```

    i.0
    ii.1
    iii.Infinity
    iv.No output

6. int *p=10;
```
printf(" %d %d", *p, p);
```

    i.compiler error
    ii.segmentation fault
    iii.No output
    iv.10,0

7. intconsti=5;
```
printf("%d ",++i);
```
    i.5
    ii.6
    iii.compiler error
    iv.rvalue require

8. main( )
```
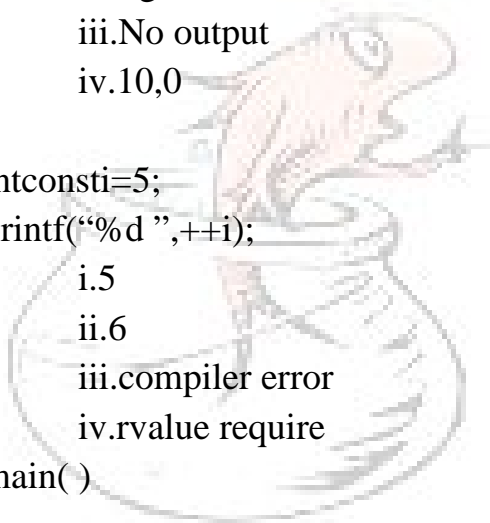{
    inta,b;
    a=2,3,4;
    b=(4,5,7);
```

```
            printf("%d",a+b);
    }
    i.6
    ii.8
    iii.11
    iv.9
```

9. Which logic is used to delete the nodes in single linked list?
```
    While(n)
    {
        ???????;
    }
    i.structst m;
         m=n;
        free(n);
         n=m->next;
    ii.structst m=n;
        free(m);
         n=n->next;
    iii.structst m=n;
         n=n->next;
        free(m);
```

10. Char a[4]="shyam";
    Char   b[ ]="ramanan";
    Printf("%d %d",sizeof(a),sizeof(b));

    i.4,7
    ii.5,7
    iii.6,8
    iv.5,8

11.int a[2][3][1]={1,2,3,4,5,6};
    printf("%d %d " ,*(*(*a++)),***a+1);
    i.1,3
    ii.1,2
    iii.2,3

iv.2,4

12.#define f(a,b,c) a#b#c#
```
main( )
{
    intabc=0;
    printf(" %s %d" ,f(a,b,c)+1);
}
```
i.0
ii.1
iii.bc
iv.No output

13.
```
void f1(int n)
{
    if(n<=1)
    {
        Printf("%d",n);
    }
    else
    {
        f1(n/2);
        printf("%d" , n%2);
    }
}
main( )
{
f1(173);
return;
}
```
i.1001110
ii.1010110
iii.1010111
iv.1010010

*********All the Best *********