Pointer

Find out the output of the following Programs

SLON	QUESTIONS	SLNO	QUESTIONS
| 1 | ```c
void main()
{
    char *s="\0";
    if(strcmp(s,"\0")==0)
        printf("s is null");
    else
        printf("s is not null");
}
``` | 2 | ```c
void main()
{
    char *s[]={"miller","miller",
                "filler","filler"};
    char **p;
    p=s;
    printf("%s",++*p);
    printf("%s",*p++);
    printf("%s",++*p);
}
``` |
| 3 | ```c
void main()
{
char arr[8]={'S','H','R','A','W','A','N'};
    char *p;
    p=(char*)(arr+2)[2]+1);
    printf("%c",p);
}
``` | 4 | ```c
void main()
{
    int i=4;
    int j=-3;
    mul(&i,j);
    printf("%d %d",i,j);
}
mul(int *a,int b)
{
    *a=*a**a;
    b=b*b;
}
```
a. 4 3
b. 4 9
c. 16 -3
d. None of these |
| 5 | ```c
void main()
{
    int a[2][2]={1,2,3,4};
    int *p,*q;
    p=a;
    q=&a;
    printf("%d %d ",++*p,++*q);
}
```
a. 2 2
b. 3 2
c. 2 3
d. Compilation error | 6 | ```c
void main()
{
    char *a[]={"good","bad","boy"};
    printf("%s %s %s",*a+1,*a+2,*a+3);
}
```
a. good bad boy
b. boy bad good
c. good ood od
d. ood od |
| 7 | ```c
void main()
{
    char *p="come\0";
    char *q="come";
    if(strcmp(p,q))
            printf("Equal");
    else
            printf("Not Equal");
}
``` | 8 | ```c
void main()
{
    char *p="abc123",*q="abc";
    while(*p++=*q++)
            printf("%c %c",*p,*q);
}
```
a. aabbcc
b. aabbcc |

| | | | |
|---|---|---|---|
| | a. Both are Equal<br>b. Not equal<br>c. Not output<br>d. None of these | | c. bbcc1<br>d. None of these |
| 7 | ```c
void test(int,int *);
void main()
{
        int *iptr,j,k=2;
        iptr=&j;
        j=k;
        printf("%d %d",k,j);
        test(j,iptr);
        printf("%d %d",k,j);
}
void test(int l,int *p)
{
        l++;
        (*p)++;
}
```<br>a. 2 3 3 3<br>b. 2 3 4 3<br>c. 2 2 2 3<br>d. None of these | 8 | ```c
void main()
{
        int *p,*q;
        p= 2000;
        q= 3000;
        printf("%d ",q-p);
}
``` |
| 9 | ```c
void main()
{
    int *j,a=5;
    void *k;
    j=k=&a;
    j++;
    k++;
    printf("\n%d %d",j,k);
}
``` | 10 | ```c
void main()
{
    char *p="ayqm";
    printf("%c",*p++);
    printf("%c",++*(p++));
}
``` |