Technical questions

1.output of the following code:
```
#define M 5+5
void main()
{ printf("%d", M*M);
}
```
2.*p+ + increment p or what it points to?
3.Find error with a given code:
```
{scanf("&",a)}
```
4.syntax of free func.
5.give output:
```
void main()
{
int x=0, y=1;
(x || printf("printing x\n"));
(y|| printf("printing y\n"));
}
```

6 write one major advantage & disadvantage of recursion.
7.what is hashing?
8. give output:
```
main()
{
int j=5;
printf("%d %d %d", + +j, j, j+ +);
}
```
9.give output:

```
main()
{
int static i=5, j=10;
for(i=1;i<=3;i++)
{
int j=10; j=j+1;
printf("%d %d %d" j, j, j);
}
printf("%d", i);
}
```

10. why printf("%d", 'A'); will not return the value 1?

11. preorder and postorder traversal of a binary tree is given, construct the binary tree.

12. a binary tree is given, draw postorder traversal.

13. what is the difference between char const* , char *const ?

14. correction of a given code

15. write a macro function to return the maximum of two numbers.

16. how a pointer to a function is called & declared?

17 write a program for double linked list & delete the last node.

18. write a program for binary search of N numbers.

19. program related to string.