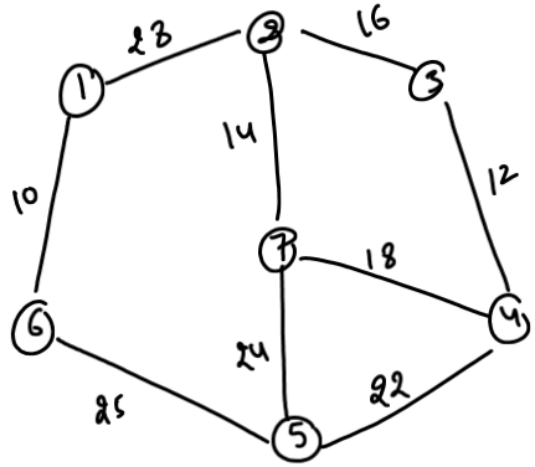
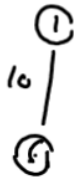
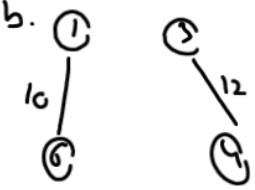
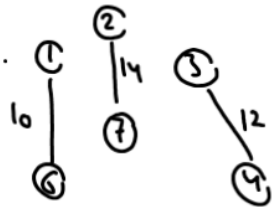
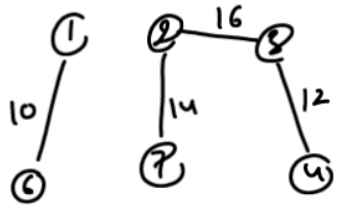
Kruskal's Algorithm For MCST



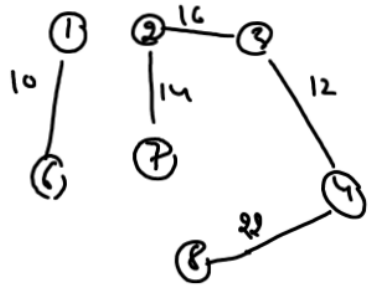
a. 

b. 

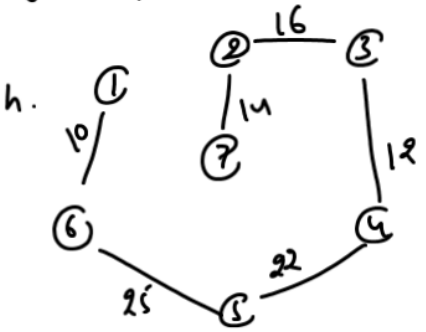
c. 

d. 

e. dmp 18

f. 

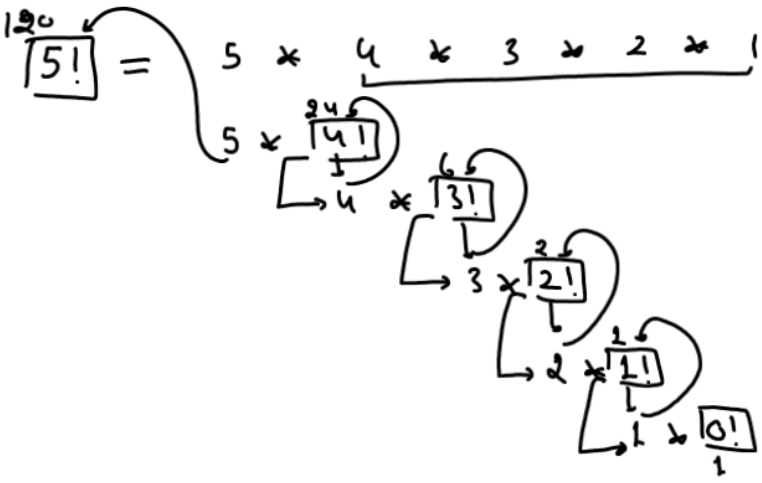
g. dmp 24

h. 

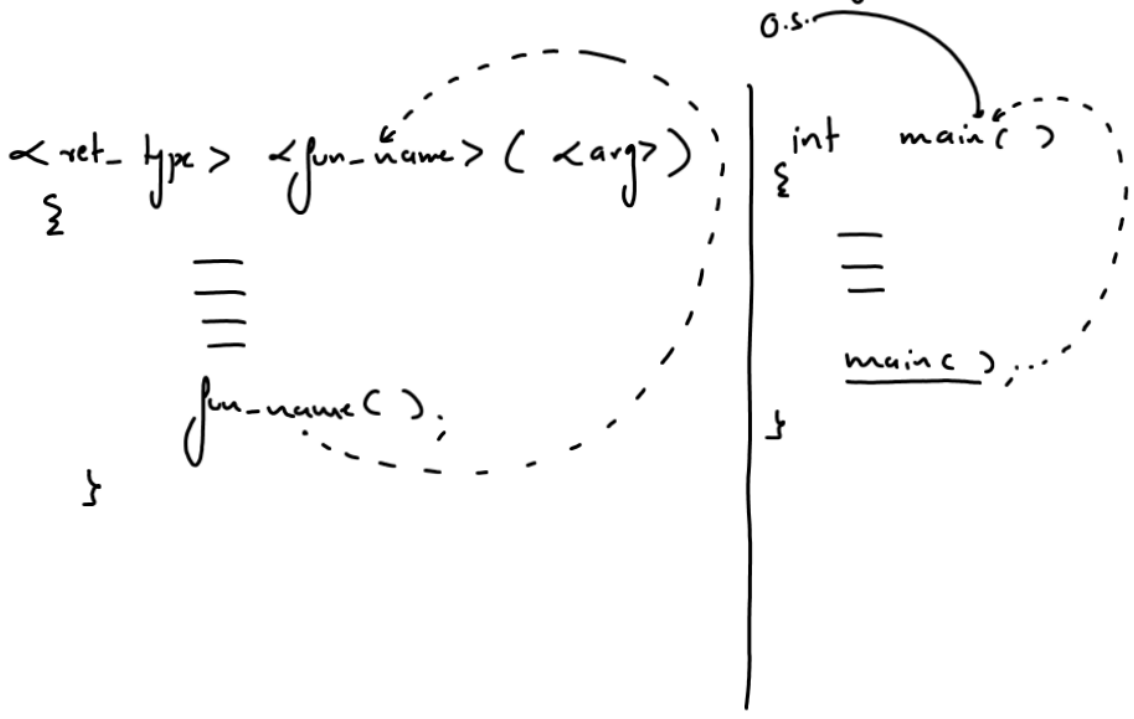
i: dmp 28

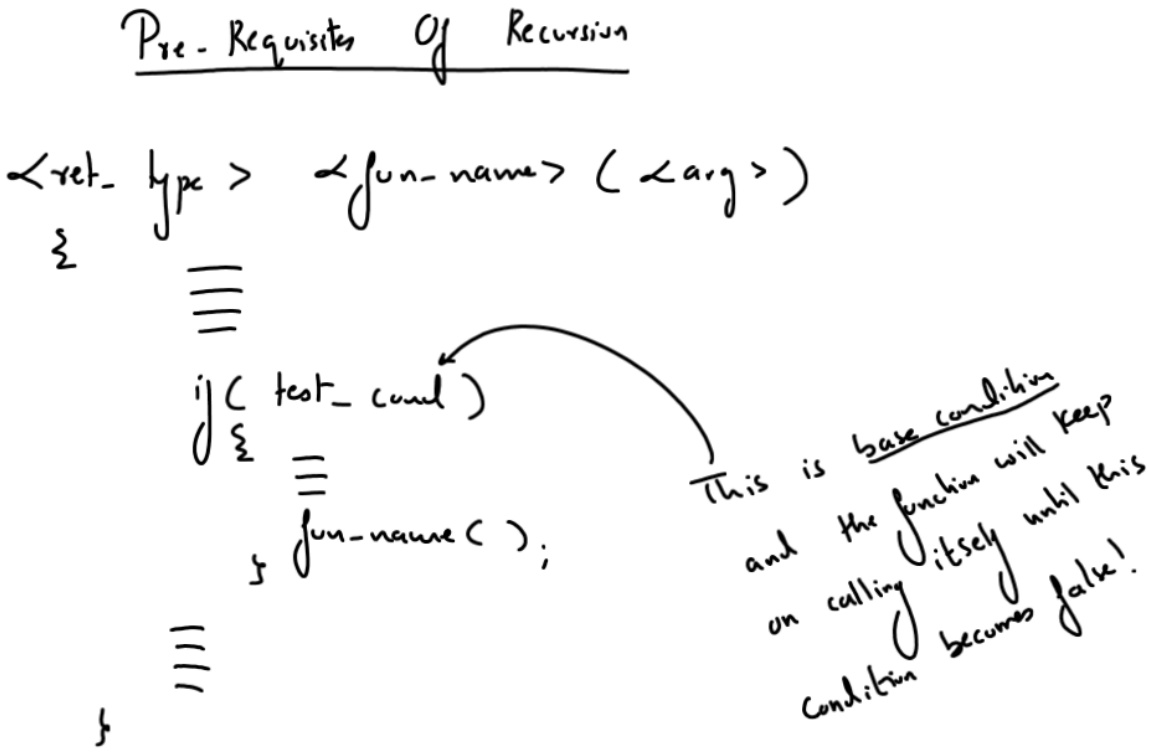
Recursion (Divide & Conquer)

Ans. Defining something in terms of itself



How Recursion Is Used In Programming ?





WAP to accept 2 integers from the user and display their sum. Now again ask the user if he wants to continue. If the answer is 'Y' then repeat the process otherwise terminate the program

```
int main()
{
   int a,b;
   char choice;
   do
   {
     printf("enter 2 int:");
     scanf("%d %d",&a,&b);
     printf("Sum is %d",a+b);
     printf("\nDo you want tot repeat(Y/N) ?");
     scanf(" %c",&choice);
    }while(choice=='Y');
return 0;
}
```

```
#include <stdio.h>
int main()
{
   int a,b;
   char choice;
   printf("enter 2 int:");
   scanf("%d %d",&a,&b);
   printf("Sum is %d",a+b);
   printf("\nDo you want to repeat(Y/N) ?");
   fflush(stdin);
   scanf("%c",&choice);
   if(choice=='Y')
     main();
   else
    printf("\nThank you ! Have a good day!");
return 0;
}
```