1.

.From the 'N' number Employee salaries
Write a program Display the details of employees whose salary is less than g

```c
#include <stdio.h>
#define MAX_EMPLOYEES 100
typedef struct Employee {
  char name[50];
  int salary;
} Employee;
int main() {
  int n, given_salary;
  Employee employees[MAX_EMPLOYEES];
  // Get the number of employees
  printf("Enter the number of employees: ");
  scanf("%d", &n);
  // Get employee details
  for (int i = 0; i < n; i++) {
    printf("Enter employee %d details:\n", i + 1);
    printf("Name: ");
    scanf("%s", employees[i].name);
    printf("Salary: ");
    scanf("%d", &employees[i].salary);
  }
  // Get the given salary
  printf("Enter the given salary: ");
  scanf("%d", &given_salary);
  // Print details of employees with salary less than given salary
  printf("Employees with salary less than %d:\n", given_salary);
  for (int i = 0; i < n; i++) {
    if (employees[i].salary < given_salary) {
      printf("Name: %s\n", employees[i].name);
      printf("Salary: %d\n", employees[i].salary);
    }
  }
}
return 0;
}
```

```
cd "/Users/sadaqet/Downloads/output"
./"assing"
sadaqet@sadaqets-MacBook-Pro ~ % cd "/Users/sadaqet/Downloads/output"

sadaqet@sadaqets-MacBook-Pro output % ./"assing"
Enter the number of employees: 3
Enter employee 1 details:
Name: empl
Salary: 40000
```

given salary.

```
Enter employee 2 details:
Name: employ
Salary: 40000
Enter employee 3 details:
Name: nono
Salary: 70000
Enter the given salary: 80000
Employees with salary less than 80000:
Name: empl
Salary: 40000
Name: employ
Salary: 40000
Name: nono
Salary: 70000
```

2. Write the program for finding largest of three numbers in all the methods(usi
TERNARY:

```c
#include <stdio.h>

int main() {
 int a, b, c, largest;

 printf("Enter three numbers: ");
 scanf("%d %d %d", &a, &b, &c);

 largest = (a > b) ? (a > c ? a : c) : (b > c ? b : c);

 printf("The largest number is: %d\n", largest);

 return 0;
}
```

```
tput
● sadaqet@sadaqets-MacBook-Pro output % ./"assing"
  Enter three numbers: 3
  4
  5
  The largest number is: 5
```

NESTED-IF:

```c
#include <stdio.h>

int main() {
 int a, b, c, largest;

 printf("Enter three numbers: ");
 scanf("%d %d %d", &a, &b, &c);

 if (a > c) {
   largest = a;
 }
}
```

ing ternary, else-if, nested-if)

```c
    scanf("%d %d %d", &a, &b, &c);

    if (a > b) {
     if (a > c) {
       largest = a;
     }
    } else {
     if (b > c) {
       largest = b;
     } else {
       largest = c;
     }
    }

    printf("The largest number is: %d\n", largest);

    return 0;
}
```

```
● sadaqet@sadaqets—MacBook—Pro output % cd "/Users/sadaqet/Downloads/ou
  tput"
● sadaqet@sadaqets—MacBook—Pro output % ./"assing"
  Enter three numbers: 5
  8
  25
  The largest number is: 25
```

ELSE−IF:

```c
#include <stdio.h>

int main() {
 int a, b, c, largest;

 printf("Enter three numbers: ");
 scanf("%d %d %d", &a, &b, &c);

 if (a > b) {
  if (a > c) {
    largest = a;
  } else {
    largest = c;
  }
 } else {
  if (b > c) {
    largest = b;
  } else {
    largest = c;
  }
}
```

```c
  if (b > c) {
    largest = b;
  } else {
    largest = c;
  }
}

printf("The largest number is: %d\n", largest);

return 0;
}
```

```
● sadaqet@sadaqets-MacBook-Pro output % cd "/Users/sadaqet/Downloads/ou
  tput"
● sadaqet@sadaqets-MacBook-Pro output % ./"assing"
  Enter three numbers: 20
  21
  22
  The largest number is: 22
```