

## Task: Implementing Arrays and Structures

1) Write a C program, keeping following details in mind;

i. Use structure to store details of employee such as Name, Employee ID, Experience and Salary.

ii. Store details of 5 employees and then print them.

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
typedef struct
```

```
{
```

```
    char name[30];
```

```
    int ID;
```

```
    int experience;
```

```
    int salary;
```

```
};
```

```
Employee;
```

```
int main()
```

```
{
```

```
    int i, n=5;
```

```
    Employee employees[n];
```

```
    printf("Enter %d Employee details\n\n", n);
```

```
    for (i=0; i<n; i++)
```

```
{
```

```
        printf("Employee %d : \n", i+1);
```

```
        printf("Name: ");
```

```
        scanf("%d", &employees[i].Name);
```

```

printf (" ID: ");
scanf ("%d", &employee[i].ID);
printf (" Experience: ");
scanf ("%d", &employee[i].Experience);
printf (" Salary: ");
scanf ("%d", &employee[i].Salary);
printf ("\n");
}

printf ("All Employee Details: \n");
for (i=0; i<n; i++)
{
printf ("Name\t: ");
printf ("%s\n", employee[i].Name);
printf ("Id\t: ");
printf ("%d\n", employee[i].ID);
printf (" Experience: ");
printf ("%d\n", employee[i].Experience);
printf (" Salary: ");
printf ("%d\n", employee[i].Salary);
printf ("\n");
}
return 0;
}

```