**ID: 021202076**

**Labsheet-8**

**1.**

**(i)** struct college{

char code[2];

char name[32];

int establishment;

int courses;

};

(ii)

struct courses{

char course\_name[20];

int duration;

int students;

};

struct college{

char code[2];

char name[32];

int establishment;

struct courses \*co;

};

struct courses \*co =(struct coursesn \*)malloc(sizeof(struct courses)\*50);

**2.**

#include <stdio.h>

#include <stdlib.h>

struct address{

int fl\_no;

char road[32];

int zipcode;

char district[12];

};

struct records{

int emp\_id;

char name[32];

char designation[28];

struct address adr;

double salary;

};

int main()

{

struct records employee[5]={

{8,"Md. Rasid", "Chief Engineer", {10/2,"Nazmuddin Road", 1205, "Dhaka"},63000.001},

{9, "Karim", "Assitant Engineer", {128/8,"Nazmuddin Road", 1205, "Dhaka"},48000.22},

{10,"Md. Kabir", " Assistant Engineer", {10/2,"Nazmuddin Road", 1205, "Dhaka"},47000.31},

{11,"Md. Rohan", "Sub-Assistant Engineer", {10/2,"Nazmuddin Road", 1205, "Dhaka"},34000.001},

{12,"Md. Rafiq", "Sub-Assistant Engineer", {10/2,"Nazmuddin Road", 1205, "Dhaka"},32000.2}

};

int i;

for (i=0; i<5; i++)

{

printf("ID: %d \nName: %s \nDesignation: %s\nfloat no: %d \nRoad: %s \nZip: %d \nDistrict: %s \nSalary: %lf \n\n\n",

employee[i].emp\_id,employee[i].name,employee[i].designation,

employee[i].adr.fl\_no,employee[i].adr.road,employee[i].adr.zipcode,

employee[i].adr.district,employee[i].salary);

}

return 0;

}