D. Write a program to store employee information using nested structures. # include 2string.h> # define MAX_employees 100 struct date { int day; int month; int year; y; struct employee { char name [50]; char chartment [50]; float slavy; struct state here date; int main C12 101 + 10 10/2 to se male/ 1 + 10 struct employee employees [MAX - employees]; ent nun employees; print f ("Enter the number of employees."); scan f ("%d", I rum _employees); for (intizo; ix num employees; i++) print f ("Enter information for employee. 2d)

printf (" Name: "); Scart ("%5" a employees [i]. name);

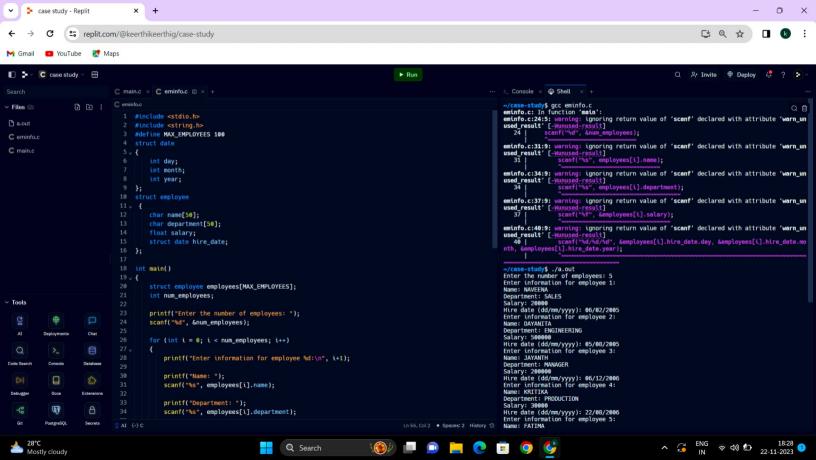
print f (" Department : ");

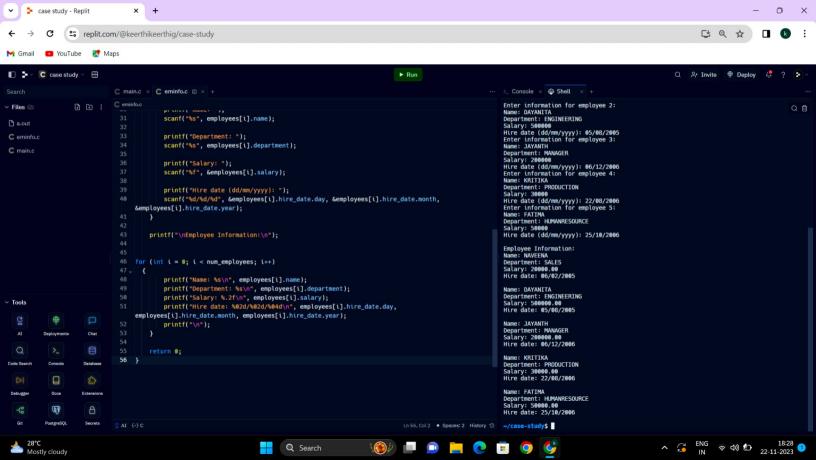
mant ("%5", employees [i]. department);

print f ("Salary: "); print f ("Salary: ");
man f ("i.f., & employees [i]. salary]; print fl' Hire date (dd/mm/yyyy);"), man f (" " l. d'/. d'/, f employees [i]. here_date. day, & employees [i]. Live - date, month, & employee [i]. hire-date. year); print f ("\n Employee information:\\n");
for (int i= 0; i < rum - employees: i++) print f ("Name: ". S\n", employees [i]. name);
print f ("Department: ". S\n", employees [i]. departprint f ("Salary: ". 2+(n", employees [i]. salary); print f ("Hise date: 1,02 d %. 02 d 1,04 d \n", enployees [i]. hire_date. day, employees [i]. hire_date. month, employees [i]. hire_date. year);
printf ("\n"); greturn O;

(Duthut: Enter number of employees: 5 Enter information for employees: Name: Naveena Department : sales Salwry: 20000 Hire date (dd/mm/yyyy): 06/02/2005 Enter information for employee 2: Name: Dayanita Department: Engineering Salary: 500000 Hire date (dd/mm/yyyy); 05/08/2005 Enter information for employee 3: Name: Jayonth Department: Manager Salary: 200000 Hire date (dd/mm/gyyy): 06/12/2005 Enter information for employee 4: Name: Kritika Department : Production 5 alary: 30000 Hire date (200 dd/mm/yyyy): 29-08-2006 Enter information for employee 5: Name: Fatina Department: Human Resource

Salary: 50000 Hire date (dd/mm/yyyy): 25/00/2006





2. Program to store car information using structure #indude zstdio.h> "Define the structure for storing can information struct car shor name [50]; char engine [20]; char Fuel Type [20]; float Fuel Tank Capacity; Int Seating Capacity; float City Milagl; int main () 1 Declare an array of structures to store informate for multiple cars struct for cars [3]; // Input car information for (int i=0; i \ 3; i++) print f ("Enter information for car %d: \n", "+D; print f ("Name:"); scanf ("%5", cars[i]. hame); 11 Assuming the name doesn't contain spaces

```
print f ("Engine:");
scant ("%5", cars [i] engine);
print f ("Fael Type:");
scant ("%5", cars [i]. Fuel Type),
print t ("Fuel Tank Capacity: ");
scanf ("%f", & Cars [i]. Fuel Tank Capacity);
print f ("Seating Capacity:");
man f (""lod", & cars [i]. Seating Capacity),
print f ("City Milage:");
man f ("% f", & cars [i]. City Milage),
11 Display car information
print f (" \n Car Information: \n");
for (int i=0; i < 3; i++)
print f ("In Car % d: (n", i+1);
print f ("Name: % S\n", cors [i]. name);
print f ["Engine: "los\n", cars[i]. engine);
print f l" Fuel Type: "105 \n", cors [i]. Fuel Type);
print f ("fuel Tank Capacity: %.2f \n", cars [i]. Fuel Tank.
                                           Capacity);
print f (" Seating Capacity: "lod \n", cars [:]. Seating
                                Capacity );
Cors [1]. City Milage);
 print (" City Milage : % 2f In"
 geturn 0;
```

2 Output: Enter number of cars: 3 Enter information for car 1: Name: Ferori Engine: Turbo Fuel type: Diesel Fuel tank capacity: 2000 Seating capacity: 2 City mileage: 12 Enter information for car 2: Name: Audi Engine: Turbo Fuel type: Diesel fuel tank capacity: 2000 Seating capacity: 5 City mileage: 15 Enter information for car3: Nane: Lamborghini Engine: Twoloo

Fuel Tank: Diesel Fuel tank sopacity: 2000 Seating capacity: 2

City mileagl: 12

