**Q. Write a C program to get people's details (name, age and income) calculate their taxable amount with the given following conditions :**

**1. if income is less than, 1,50,000 then no tax**

**2. if taxable income is in the range 1,50,001-300,000 then charge 10% tax**

**3. if taxable income is in the range 3,00,001-500,000 then charge 20% tax**

**4. if taxable income is above 5,00,001 then charge 30% tax.**

#include <stdio.h>

struct data

{

int age, income, tax, final;

char name[20];

};

void get\_info();

void calc\_tax();

struct data d[10];

int n, i;

int main()

{

printf("Enter the number of people : ");

scanf("%d",&n);

for(i=1;i<=n;i++)

{

printf("\nEnter details of person %d ",i);

get\_info(n);

calc\_tax(n);

}

return 0;

}

void get\_info(int n)

{

printf("\nName : ");

scanf("%s",d[i].name);

printf("Age : ");

scanf("%d",&d[i].age);

printf("Original Income : ");

scanf("%d",&d[i].income);

}

void calc\_tax(int n)

{

if (d[i].income<=150000)

{

d[i].tax = 0;

d[i].final = 0;

}

else if (d[i].income>150000 && d[i].income<=300000)

{

d[i].tax = 0.1\*d[i].income;

d[i].final = d[i].income - d[i].tax;

}

else if (d[i].income>300000 && d[i].income<=500000)

{

d[i].tax = 0.2\*d[i].income;

d[i].final = d[i].income - d[i].tax;

}

else

{

d[i].tax = 0.3\*d[i].income;

d[i].final = d[i].income - d[i].tax;

}

printf("Total taxable amount = %d",d[i].tax);

printf("\nIncome after deducting tax amount = %d",d[i].final);

}

**OUTPUT :**

