

ASSIGNMENT



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ROLL-22601221106

SUBJECT CODE- BCAC191

COLLEGE CODE- 226

SECTION- K3

SEMESTER- 1ST

YEAR- 2021-22

Q1) Write a C program to input basic salary of an employee and calculate its Gross salary according to following:-

1) Basic Salary ≤ 10,000 : HRA=20% DA=80%

2) Basic Salary ≤ 20,000 : HRA=25% DA=90%

3) Basic Salary > 20,000 : HRA=30% DA=95%

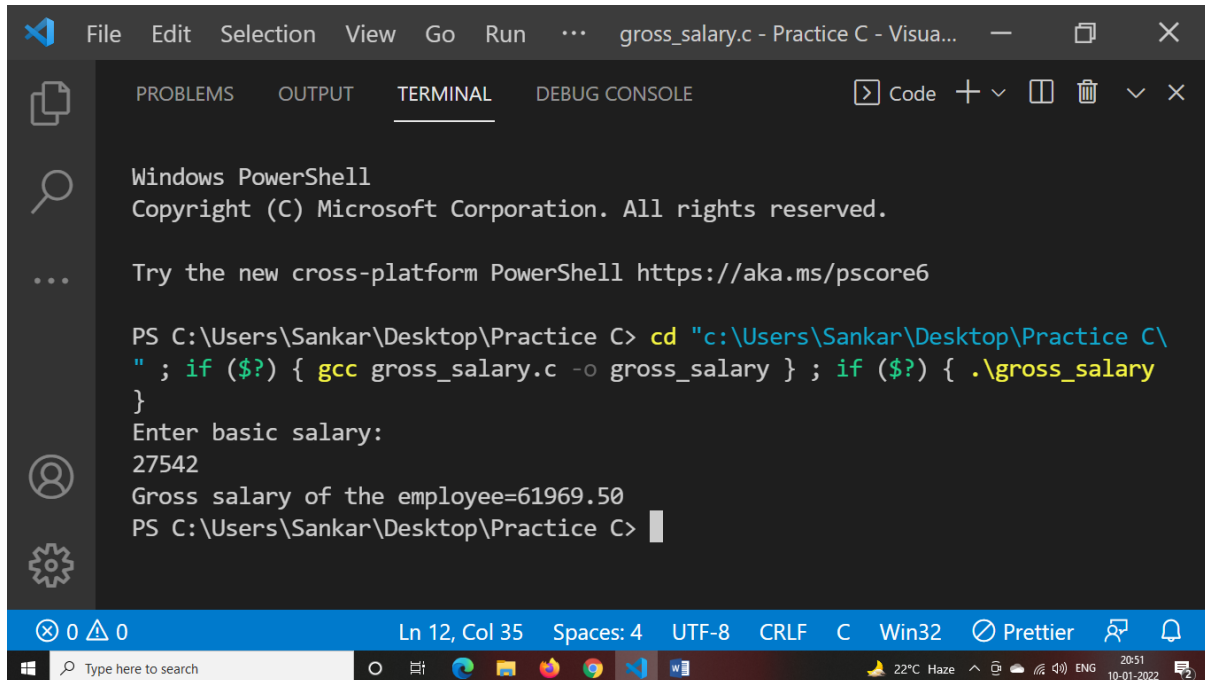
ANS)

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

```
int main()
{
    int basic_salary;
    float hra, da, gross;
    printf("Enter basic salary:\n");
    scanf("%d", &basic_salary);
    if (basic_salary <= 10000)
    {
        da = basic_salary * 0.80;
        hra = basic_salary * 0.20;
    }
    else if (basic_salary <= 20000)
    {
        da = basic_salary * 0.90;
        hra = basic_salary * 0.25;
    }
    else
    {
```

```
    da = basic_salary * 0.95;
    hra = basic_salary * 0.30;
}
gross = basic_salary + hra + da;
printf("Gross salary of the employee=%.2f", gross);
return 0;
}
```

OUTPUT:-



```
File Edit Selection View Go Run ... gross_salary.c - Practice C - Visua...  
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Code + - [ ] [X] [X]  
Windows PowerShell  
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Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS C:\Users\Sankar\Desktop\Practice C> cd "c:\Users\Sankar\Desktop\Practice C\  
"; if ($?) { gcc gross_salary.c -o gross_salary } ; if ($?) { .\gross_salary  
}  
Enter basic salary:  
27542  
Gross salary of the employee=61969.50  
PS C:\Users\Sankar\Desktop\Practice C>
```

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Q2) Write a C program to print welcome 10 times

ANS)

```
#include <stdio.h>
int main()
{
    int i;
    for (i = 1; i <= 10; i++)
        printf("Welcome\n");
    return 0;
}
```

OUTPUT:-

[illegible]