

PROGRAMMING IN C

Exercises:

```
1) void main()
{
    int amt=10000; float st, sc, net;
    st = 8.0/100*amt;
    sc = 25.0/100*amt;
    net = amt+st+sc;
    printf("Net = %0.2f", net);
}
```

```
2) 1) void main()
    {
        int a=5, b=3;
        a=a*b;
        b=a/b;
        a=a/b;
        printf("a = %d, b = %d", a, b);
    }
```

2) 2) void main()

```
{  
    int a=5, b=3;  
    a=a^b;  
    b=a^b;  
    a=a^b;  
    printf("a = %d, b = %d", a, b);  
}
```

3) void main()

```
{  
    int m1, m2, m3;  
    float p, t;  
    printf("Enter marks of 3 subjects : ");  
    scanf("%d %d %d", &m1, &m2, &m3);  
    t = m1+m2+m3;  
    p=t/300.0*100;  
    printf("Total = %0.2f, percentage = %0.2f%%", t, p);  
}
```

4) void main()

```
{  
    int bs;  
    float da, hra, lic, pf, net, gp, ded;  
    printf("Enter basic salary : ");  
    scanf("%d", &bs);  
    da = 0.4*bs;
```

```

    hra = 0.2*bs;
    lic = 0.035*bs;
    pf = 0.12*bs;
    gp = da+hra+bs;
    ded = lic+pf;
    net = gp-ded;
    printf("Dearness Allowance = %0.2f\n", da);
    printf("House Rent Allowance = %0.2f\n", hra);
    printf("Life Insurance = %0.2f\n", lic);
    printf("Provident Fund = %0.2f\n", pf);
    printf("Gross Profit = %0.2f\n", gp);
    printf("Deductions = %0.2f\n", ded);
    printf("Net Amount = %0.2f\n", net);
}

```

Aptitude Questions:

- 1) -25, -29
- 2) Hi There8
- 3) Hi
- 4) HiThere!!
- 5) 30
- 6) Lemo Bro //12 leading spaces
- 7) 1e 36 30 0.000000
- 8) i : 1, l : 1, f : 1.000000, d : 1.000000
 i : 1, l : 1, f : 1.500000, d : 1.500000