

Programming In C

Practical Three

30499

```
01)  #include <stdio.h>
      int main()
      {
          int no1 , no2;
          printf(" Enter First Number.");
          scanf(" %d", &no1);
          printf(" Enter Second Number.");
          scanf("%d", &no2);
          if ( no1<no2)
              printf(" %d is greater than %d", no1, no2);
          else if
              ( no1 > no2)
              printf("%d is greater than %d",no1,no2);
          else
              printf(" %d and %d are equal.");
      }
```

```
02)  #include <stdio.h>
      int main()
      {
          int no1, no2, no3;
          printf(" Enter First Number.");
          scanf(" %d", &no1);
          printf(" Enter Second Number.");
          scanf(" %d", &no2);
          printf(" Enter Third Number.");
          scanf(" %d", &no3);
```

```

    if ( no1> no2 && no1> no3)
        printf(" %d Is The Greatest Number\n",no1);
    else if ( no2>no1 && no2>no3)
        printf(" %d Is The Greatest Number\n",no2);
    else
        printf(" %d Is The Greatest Number\n",no3);

    if ( no1<no2 && no1< no3)
        printf(" %d Is The Lowest Number\n",no1);
    else if ( no2<no1 && no2<no3)
        printf(" %d Is The Lowest Number\n",no2);
    else if ( no3<no1 && no3<no2)
        printf(" %d Is The Lowest Number\n",no3);
}

```

03)

```

#include <stdio.h>
int main()
{
    float bs, ns;
    char name [15];
    printf(" Enter Your Name.");
    scanf(" %s", &name);
    printf(" Enter Your Basic Salary.");
    scanf(" %f", &bs);
    if( bs<=5000)
        ns = bs + bs * .05;
    else if ( bs<= 10000)
        ns = bs + bs * .1;
    else
        ns = bs + bs * .15;
    printf(" %s Your New Salary Is %f", name, ns);
}

```

```
04)    #include <stdio.h>
        int main()
        {
            float d, c , a, r;
            float pi = 3.14159;
            printf(" Enter Radius Length.");
            scanf(" Diameter = %f \n ", d = r * 2);
            printf(" Circumference = %f\n", c = 2 * pi * r);
            printf(" Area = %f\n", a = pi * r * r);
        }
```

```
05)    #include <stdio.h>
        int main()
        {
            int no1, no2;
            printf(" Enter First Number.");
            scanf(" %d", &no1);
            printf(" Enter Second Number.");
            scanf(" %d", & no2);
            if( no1 % no2 == 0 && no1 > no2);
            printf(" %d Is A Multiple Of %d.",no1, no2);
            else if ( no2 % no1 == 0 && no1 < no2);
            printf(" %d Is A Multiple Of %d", no2,no1);
            else if ( no2 % no1 ==0 && no2 > no1);
            printf(" %d Is A Multiple Of %d", no2,no1);
            else if ( no2 % no1 == 0 && no1 > no2);
            printf(" %d Is A Multiple Of %d", no1 , no2);
            else printf(" %d and %d Are Not Multiples Of Each Other.", no1,
no2);
        }
```

```
06)    #include <stdio.h>
        int main()
```

```

{
    float bs, ts, fs, es;
    char c;
    int m;
    printf(" Enter Your Basic Salary\n");
    scanf("%f", & bs);
    if(bs >= 500000)
        ts = bs + bs *.15;
    else if ( bs <=25000)
        ts = bs + bs *.12;
    else
        ts = bs+ bs * .1;
    printf(" Enter Your Number Of Service Years\n");
    scanf("%d", &m);
    if (m >= 5)
        es = ts + bs * .1;
    else
        es = ts;
    printf(" Enter C If You Live In Colombo, Otherwise Enter n\n");
    scanf("%c", & c);
    if (c == 'c')
        fs = es + bs * 0.10;
    else
        fs = es;
    printf(" Your Final Salary Is %f",fs);
}

```