

```

if (digit > hd)
    hd = digit;
if (digit < ld)
    ld = digit;
num = num / 10;
}

```

```

printf("\n Highest Digit : %d", hd);
printf("\n Lowest Digit : %d", ld);
getch();
}

```

Q6) Write a program to count and display number of even digits and number of odd digit.

```

#include <stdio.h>
void main()
{

```

```

    int num, digit, ed = 0, od = 0;
    clrscr();

```

```

    printf("\nEnter an integer Number : ");

```

```

    scanf("%d", &num);

```

```

    while (num > 0)
    {

```

```

        digit = num % 10;

```

```

        if (digit % 2 == 0)

```

```

            ed++;

```

```

        else

```

```

            od++;

```

```

        num = num / 10;
    }

```

```

    printf("\n Number of even digit : %d", ed);

```

```

    printf("\n Number of odd digit : %d", od);

```

```

    getch();
}

```