

Assignment 3

①

```
#include <stdio.h>
int main ()
{
    int x, a;
    scanf ("%d", &x);
    a = x%10;
    printf ("unit digit of a given number is = %d", a);
    return 0;
}
```

②

```
#include <stdio.h>
int main ()
{
    int x, a;
    scanf ("%d", &x);
    a = x/10;
    printf ("number without its last digit is = %d", a);
    return 0;
}
```

③

```
#include <stdio.h>
int main ()
{
    int a, b, r;
    scanf ("%d %d", &a, &b);
    printf ("first variable is = %d and second variable is = %d", a, b);
    r = a, a = b, b = r;
    printf ("\n");
    printf ("after swapping the variable the first variable is = %d  
and second variable is = %d", a, b);
    return 0;
}
```


④

```
#include <stdio.h>
int main()
{
    int a, b;
    printf("variable a is = ");
    scanf("%d", &a);
    printf("variable b is = ");
    scanf("%d", &b);
    a = a + b;
    b = a - b;
    a = a - b;
    printf("a = %d \n b = %d", a, b);
    return 0;
}
```

⑤ #include <stdio.h>

```
int main()
{
    int x, a, b, d, e, f;
    printf("enter three digit number = ");
    scanf("%d", &x);
    a = x/100;
    b = x/10;
    d = b/10;
    e = x%10;
    f = a + d + e;
    printf("%d", f);
    return 0;
}
```

⑥ #include <stdio.h>

```
int main()
{
    char x;
    scanf("%c", &x);
    x = printf("%d", x);
    return 0;
}
```



```

9) #include <stdio.h>
int main()
{
    int a, b, c, d;
    a = sizeof('int');
    printf("size of int is = %d", a);
    b = sizeof(float);
    printf("size of float is = %d", b);
    c = sizeof(char);
    printf("size of char is = %d", c);
    d = sizeof(double);
    printf("size of double is = %d", d);
    return 0;
}

```

```

10) #include <stdio.h>
int main()
{
    int a, c, d;
    scanf("%d", &a);
    c = a/10;
    d = c*10;
    printf("%d", d);
    return 0;
}

```

```

13) #include <stdio.h>
int main()
{
    int a, b, d, e, f;
    printf("Enter a three digit number = ");
    scanf("%d", &x);
    a = x/100;
    b = x/10;
    d = b/10;
    e = x%10;
    f = 100*e + 10*d + a;
    printf("%d", f);
    return 0;
}

```



```

⑩ #include <stdio.h>
int main()
{
    int x, a;
    printf("Enter an integer\n");
    scanf("%d", &x);
    a = x % 2;
    if (a == 1)
        printf("odd\n");
    else
        printf("even\n");
    return 0;
}

```

```

⑫ #include <stdio.h>
int main()
{
    float x, a;
    printf("amount in INR");
    scanf("%f", &x);
    a = x / 76.23;
    printf("amount in usd is %f", a);
    return 0;
}

```