

Assignment - 2

1- #include <stdio.h>

int main()

{

int a, b;

printf("Enter a number");

scanf("%d", &a);

b = a % 10;

printf("Unit digit is %d", b);

}

2- #include <stdio.h>

int main()

{

int a, b;

printf("Enter a number");

scanf("%d", &a);

b = a / 10;

printf("%d", b);

}

3- #include <stdio.h>

int main()

{

int a, b, t;

printf("Enter two numbers");

scanf("%d %d", &a, &b);

t = a;

a = b;

b = t;

3
printf ("a = %.d b = %.d", &a, b);

4- #include <stdio.h>
int main()
{

 int x, y;

 printf("Enter two numbers: \n");

 scanf("%d %d", &x, &y);

 x = x + y;

 y = x - y;

 x = x - y;

 printf(" x = %.d y = %.d", x, y);

};

5- #include <stdio.h>

int main()

{

 char p;

 printf("Enter a character: \n");

 scanf("%c", &p);

 printf(" ASCII code of %c is %d", p);

};

6- #include <stdio.h>

int main()

{

 int x;

 printf("Enter a number: \n");

 scanf("%d", &x);

```
if ((x & 1) == 1)
    printf ("%d is odd", x);
```

else

```
    printf ("%d is even", x);
```

3.

9. #include <stdio.h>

int main()

{

int x;

float y;

char z;

double d;

```
printf ("Size of int is %d\n", sizeof (x));
```

```
printf ("Size of float is %d\n", sizeof (y));
```

```
printf ("Size of char is %d\n", sizeof (z));
```

```
printf ("Size of double is %d\n", sizeof (d));
```

3.

10. #include <stdio.h>

int main()

{

int x, y, z;

```
printf ("Enter a number") ;
```

```
scanf ("%d", &x);
```

```
y = x / 10;
```

```
z = y * 10;
```

```
printf ("%d", z);
```

3.

12- #include <stdio.h>

int main()

{

float ~~int~~ x, y ;

printf("Enter INR") ;

scanf("%f", &x) ;

y = ~~x * 76.23~~ ; $x * (1 / 76.23)$;

printf("%f USD", y) ;

}

5- #include <stdio.h>

int main()

{

int x, y, z, k, n, s

printf("Enter three digit number \n") ;

scanf("%d", &x) ;

y = x % 10 ; // store last digit

z = ~~x % x / 10~~ ; // store first two digit

k = z % 10 ; // store last digit

n = z / 10 ; // store first digit

s = y + k + n ;

printf("Sum is %d", s) ;

}

11- #include <stdio.h>

int main()

{

int x, y ;

printf("Enter a three digit number \n") ;

scanf("%d", &x) ;

```
printf("Enter a digit")  
scanf("%d", &y);  
printf("%d %d", x, y);
```

3