Assignment -2 Solution   Himanshu Kumar

Question 1

```c
main()
{
    int x;
    printf("Enter a number");
    scanf("%d",&x);
    printf(" Unit digits of number will be %d",x%10);

}
```

Question -2

```c
main()
{
    int x;
    printf("Enter a number");
    scanf("%d",&x);
    printf(" Unit digits of number will be %d",x/10);

}
```

Question 3

```c
main()
{
    int x,y;
    printf("Enter two numbers - ");
    scanf("%d %d",&x,&y);
    x=x+y;
    y=x-y;
    x=x-y;
    printf("value of x and y is %d %d",x,y);

}
```

Question – 4

```c
main()
{
    int x,y,t;
    printf("Enter two numbers - ");
    scanf("%d %d",&x,&y);
    t=x;
    x=y;
    y=t;
    printf("value of x and y is %d %d",x,y);

}
```

Question -5

```c
main()
{
    int x,s=0;
    printf("Enter the three digits number ");
    scanf("%d",&x);
    while(x!=0)
    {
        s=s+x%10;
        x=x/10;
    }
    printf("%d",s);
}
```

Question-6

```c
main()
{
    char ch;
    printf("Enter a character : ");
    scanf("%c",&ch);
    printf("ASCII VALUE IS %d",ch);

}
```

Question-7

```c
main()
{
    int n,b;
    printf("Enter a number  : ");
    scanf("%d",&n);
    if(n&1==1)
    printf("Odd number");
    else
    printf("Even number");
}
```

Question-8

```c
int main()
{
    int n;

    printf("Enter an integer\n");
    scanf("%d",&n);

    if ( n & 1 == 1 )
        printf("Odd\n");
    else
        printf("Even\n");

    return 0;
}
```

Question-9

```c
//print the size of int float char and double
main()
{
    printf(" size of int %d\n float %d\n char %d\n double
%d\n",sizeof(int),sizeof(float),sizeof(char),sizeof(double));
}
```

Question -10

```c
main()
{
    int n;
    printf("Enter a number");
    scanf("%d",&n);
    n=n-n%10;
    printf("%d",n);
}
```

Question-11

```c
main()
{
    int n,a;
    printf("Enter a number");
    scanf("%d",&n);
    printf("Enter a append number  ");
    scanf("%d",&a);
    n=n*10+a;
    printf("Updated no is %d",n);
}
```

Question -12

```
main()
{
    float r;
    printf("Enter the rupee : ");
    scanf("%f",&r);
    printf("The USD equivalent of this rupee is : %f",1/76.23*r);
}
```

Question-13