```
int main()
{ int x, i, sum=0;
  printf(" enter a no");
  scanf("i=1; i<=x; i++)
  sum=sum+i;
  printf(" sum is %d", sum);

  return 0;
}
```

```
int main()
{ int x, i, sum=0;
  printf(" enter a no");
  scanf("%d", &x);
  while (i<=x)
{
    if (i%2==0)
    sum=sum+i;
    i++;
}
  printf("%d", sum);

  return 0;
}
```

```
int main()
{
  int x, i, sum=0;
  printf(" enter a no");
  scanf("%d", &x);
  while (i<=x)
```

```
    if (i%2 != 0)
        sum = sum + i;
        i++;
    }
    printf("%d", sum);
    return 0;
}
```

4.
```
int main()
{ int x, i, sum = 0;
  printf("enter a no");
  scanf("%d", &x);
  while (i<=x)
  {
      sum = sum + i*i;
      i++;
  }
  printf("%d", sum);
  return 0;
}
```

5.
```
int main()
{ int x, i, sum=0;
  printf("enter a no");
  scanf("%d", &x);
  while (i<=x)
  {
      sum = sum + i*i*i;
      i++;
  }
  printf("%d", sum);
  return 0;
}
```

6.
```
int main ()
{ int x, i=1, fact=1;
  printf("enter a no");
  scanf("%d", &x);
  while (i<=x)
  {
     fact = fact * i;
     i++;
  }
  Printf("%d", fact);
  return 0;
  }
```

7.
```
int main()
{ int x, y;
  Printf(" enter a no");
  scanf("%d", &x);
  while (x!=0)
  {
     x = x/10;
     y++;
  }
  Printf("%d", y);
  return 0;
  }
```

8.
```
int main()
{
    int x, i;
    printf("enter a no");
    scanf("%d", &x);
    for(i=2; i<x; i++)
    {
        if(x%i==0)
            break;
    }
    if(x==i)
    printf("prime no");
    else
    printf("not prime no");

    return 0;
}
```

```
int main()
{ int x, y, i;
  printf("enter two no");
  scanf("%d%d", &x, &y);
  for(i=x>y?x:y; i<=x*y; i=i+(x>y?x:
  {
      if(i%x==0 && i%y==0)
          break;
  }
  printf("%d", i);

  return 0;
}
```

$x \cdot y = H.C.F \times L.C.M$

24

$A = 2 \times 2 \times 1$

$B = 2 \times 3 \times 1$

Date
Page

10

```
int main()
{ int x, y, s=0;
  Printf(" enter a no");
  Scanf("%d", &x);
  while (x!=0)
{
    y = x%10;
    s = s*10 + y;
    x = x/10;
}
  Printf("%d", s);

  return 0;
}
```