```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 51.c -o 51 } ; if ($?) { .\51 }
A - Area of circle O - odd or even S - sum of n numbers A
Enter the radius of circle: 10
The area of circle is: 314.00
 cm2Enter E to exit and y to continue:
y
A - Area of circle O - odd or even S - sum of n numbers O
Enter the Number: 50
The number is even.
Enter E to exit and y to continue:
E
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 52.c -o 52 } ; if ($?) { .\52 }
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 53.c -o 53 } ; if ($?) { .\53 }
Enter the two numbers: 15
20
20 is greater number.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 54.c -o 54 } ; if ($?) { .\54 }
Enter the value of x and n.2
1
The sum of the series is 2.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 55.c -o 55 } ; if ($?) { .\55 }
Enter the number to calculate sum of digits: 200
The sum of digits is 2.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 56.c -o 56 } ; if ($?) { .\56 }
Enter the number: 5
120
120
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 57.c -o 57 } ; if ($?) { .\57 }
Enter the base (b): 5
Enter the exponent (n): 2
Using recursion: 5^2 = 25
Without recursion: 5^2 = 25
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 58.c -o 58 } ; if ($?) { .\58 }
Enter the value of n to find sum of natural numbers:3
The sum of first 3 natural numbers is 6
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 59.c -o 59 } ; if ($?) { .\59 }
Enter the value of n to find product of natural numbers:5
The sum of first 5 natural numbers is 120
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 60.c -o 60 } ; if ($?) { .\60 }
Enter the nth number in fibonacci series: 5
The 5 number in fibonacci series is 5
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 61.c -o 61 } ; if ($?) { .\61 }
Enter the number of elements to be in the series : 5
0       1       1       2       3
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 62.c -o 62 } ; if ($?) { .\62 }
Enter the radius of the circle:100
The area of circle is 31400.000000 and circumference is 628.000000.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 63.c -o 63 } ; if ($?) { .\63 }
Enter the length and breadth of the rectangle: 10
5
The area of the rectangle is 50.000000 and perimeter is 30.000000.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 64.c -o 64 } ; if ($?) { .\64 }
Function has executed 1 times.
Function has executed 2 times.
Function has executed 3 times.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 65.c -o 65 } ; if ($?) { .\65 }
Enter the number of elements: 5
Enter the number: 1
Enter the number: 2
Enter the number: 3
Enter the number: 4
Enter the number: 5
The sum of numbers is 15.00.
The average of numbers is 3.00.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 66.c -o 66 } ; if ($?) { .\66 }
Enter the number: 1
Enter the number: 2
Enter the number: 3
Enter the number: 4
Enter the number: 5
Enter the number: 6
Enter the number: 7
Enter the number: 8
Enter the number: 9
Enter the number: 10
Enter the number: 11
Enter the number: 12
Enter the number: 13
Enter the number: 14
Enter the number: 15
Enter the number: 16
Enter the number: 17
Enter the number: 18
Enter the number: 19
Enter the number: 20
Enter the number: 21
Enter the number: 22
Enter the number: 23
Enter the number: 24
Enter the number: 25
12 numbers are even and 13 numbers are odd.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 67.c -o 67 } ; if ($?) { .\67 }
The largest number is 22 and smallest number is 1.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 68.c -o 68 } ; if ($?) { .\68 }
Enter the element to search in array: 10
The element doesn't exist in the array.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 69.c -o 69 } ; if ($?) { .\69 }
Element 12 is present at index 5
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 70.c -o 70 } ; if ($?) { .\70 }
The numbers in ascending order are:
2       3       6       6       8       9       10      12      15      17
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 71.c -o 71 } ; if ($?) { .\71 }
The numbers in descending order are:
17      15      12      10      9       8       6       6       3       2
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 72.c -o 72 } ; if ($?) { .\72 }
Enter the name of 50 students:
Enter the name of student:Prajwal
Enter the name of student:Anil
Enter the name of student:Bibek
Enter the name of student:Prajwal
Enter the name of student:Anil
Enter the name of student:Bibek
Enter the name of student:Prajwal
Enter the name of student:Anil
Enter the name of student:Bibek
Enter the name of student:Prajwal
The names in alphabetical form are:
Anil
Anil
Anil
Bibek
Bibek
Bibek
Prajwal
Prajwal
Prajwal
Prajwal
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 73.c -o 73 } ; if ($?) { .\73 }
Enter a string: prajwal
The number of vowels is 2 and consonants is 5.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 74.c -o 74 } ; if ($?) { .\74 }
Enter a line of text: prajwal
String after removing vowels: prjwl
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 75.c -o 75 } ; if ($?) { .\75 }
Enter a string to check for palindrome: Prajwal
The string is not a palindrome.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 76.c -o 76 } ; if ($?) { .\76 }
Enter the elements of matrix A:
Enter the element [0][0]: 1
Enter the element [0][1]: 2
Enter the element [1][0]: 3
Enter the element [1][1]: 4
Enter the element [2][0]: 5
Enter the element [2][1]: 6

Enter the elements of matrix B: Enter the element [0][0]: 1
Enter the element [0][1]: 2
Enter the element [1][0]: 3
Enter the element [1][1]: 4
Enter the element [2][0]: 5
Enter the element [2][1]: 6
The addition of two matrices is:
2       4
6       8
10      12
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { g++ 77.C -o 77 } ; if ($?) { .\77 }
Enter the elements of matrix A:
Enter the element [0][0]: 1
Enter the element [0][1]: 2
Enter the element [0][2]: 3
Enter the element [1][0]: 4
Enter the element [1][1]: 5
Enter the element [1][2]: 6
Enter the element [2][0]: 7
Enter the element [2][1]: 8
Enter the element [2][2]: 9
The sum of all elements of the matrix is 45
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 78.c -o 78 } ; if ($?) { .\78 }
Enter the elements of the 4x4 matrix:
Enter the element [0][0]:1
Enter the element [0][1]:2
Enter the element [0][2]:3
Enter the element [0][3]:4
Enter the element [1][0]:5
Enter the element [1][1]:6
Enter the element [1][2]:7
Enter the element [1][3]:8
Enter the element [2][0]:9
Enter the element [2][1]:10
Enter the element [2][2]:11
Enter the element [2][3]:12
Enter the element [3][0]:13
Enter the element [3][1]:14
Enter the element [3][2]:15
Enter the element [3][3]:16
Sum of each row:
Row 1: 10
Row 2: 26
Row 3: 42
Row 4: 58
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { g++ 79.C -o 79 } ; if ($?) { .\79 }
Enter the number of rows: 2
Enter the number of columns: 2
Enter the elements of the matrix:
Enter the element [0][0]:1
Enter the element [0][1]:2
Enter the element [1][0]:3
Enter the element [1][1]:4
Transposed matrix:
1 3
2 4
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 85.c -o 85 } ; if ($?) { .\85 }
Before swap: (100,200)After swap: (200,100)
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 80.c -o 80 } ; if ($?) { .\80 }
Enter the elements of matrix:
Enter the element [0][0]:1
Enter the element [0][1]:2
Enter the element [0][2]:3
Enter the element [0][3]:4
Enter the element [1][0]:5
Enter the element [1][1]:6
Enter the element [1][2]:7
Enter the element [1][3]:8
Enter the element [2][0]:9
Enter the element [2][1]:1
Enter the element [2][2]:2
Enter the element [2][3]:3
Enter the element [3][0]:4
Enter the element [3][1]:5
Enter the element [3][2]:6
Enter the element [3][3]:7
Upper Triangular Matrix:
1 0 0 0
5 6 0 0
9 1 2 0
4 5 6 7
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 81.c -o 81 } ; if ($?) { .\81 }
Enter the elements of matrix:
Enter the element [0][0]:1
Enter the element [0][1]:1
Enter the element [0][2]:1
Enter the element [0][3]:1
Enter the element [1][0]:2
Enter the element [1][1]:2
Enter the element [1][2]:2
Enter the element [1][3]:2
Enter the element [2][0]:3
Enter the element [2][1]:3
Enter the element [2][2]:3
Enter the element [2][3]:3
Enter the element [3][0]:4
Enter the element [3][1]:4
Enter the element [3][2]:4
Enter the element [3][3]:4
Lower Triangular Matrix:
1 1 1 1
0 2 2 2
0 0 3 3
0 0 0 4
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 82.c -o 82 } ; if ($?) { .\82 }
Enter the number of rows and columns of first matrix: 2 2
Enter the elements of first matrix:
Enter the element [0][0]:1
Enter the element [0][1]:2
Enter the element [1][0]:3
Enter the element [1][1]:4
Enter the number of rows and columns of second matrix: 2 2
Enter the elements of second matrix:
Enter the element [0][0]:1
Enter the element [0][1]:2
Enter the element [1][0]:3
Enter the element [1][1]:4
Resultant matrix after multiplication:
7 10
15 22
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 83.c -o 83 } ; if ($?) { .\83 }
How many numbers you want to enter: 5
Enter numbers:
1
2
3
4
5
The sum of the numbers is 15.
Th average of the numbers is 3.00.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 84.c -o 84 } ; if ($?) { .\84 }
Enter the elements of matrix A:
1
2
3
4
5
6
7
8
9
1
2
3
Enter the elements of matrix B:
1
2
3
4
5
6
7
8
9
1
2
3
Resultant Matrix:
2       4       6       8
10      12      14      16
18      2       4       6
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 86.c -o 86 } ; if ($?) { .\86 }
How many numbers you want to enter: 5
Enter the numbers:
1
2
3
4
5
The sum of the numbers is 15.
The average of the numbers is 3.00.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 87.c -o 87 } ; if ($?) { .\87 }
Enter the number of integers: 5
Enter 5 integers:
1
3
5
7
9
Integers in ascending order:
1 3 5 7 9
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 88.c -o 88 } ; if ($?) { .\88 }
Enter elements of first matrix (3x2):
1
2
3
4
5
6
Enter elements of second matrix (3x2):
1
2
3
4
5
6
Resultant matrix after addition:
2 4
6 8
10 12
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 89.c -o 89 } ; if ($?) { .\89 }
Enter the name to search: Prajwal
Name not found
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 90.c -o 90 } ; if ($?) { .\90 }
Enter the number of students (max 100): 3
Enter details of 3 students:
Student 1:
Roll No: 100
Name: prajwal
Class: 12
Marks in 5 subjects: 50 50 60 65 70
Student 2:
Roll No: 101
Name: anil
Class: 13
Marks in 5 subjects: 55 65 60 70 55
Student 3:
Roll No: 102
Name: bibek
Class: 14
Marks in 5 subjects: 40 45 55 50 80

Student Records:

Student 1:
Roll No: 100
Name: prajwal
Class: 12
Marks in 5 subjects: 50 50 60 65 70
Percentage: 59.00%

Student 2:
Roll No: 101
Name: anil
Class: 13
Marks in 5 subjects: 55 65 60 70 55
Percentage: 61.00%

Student 3:
Roll No: 102
Name: bibek
Class: 14
Marks in 5 subjects: 40 45 55 50 80
Percentage: 54.00%
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 91.c -o 91 } ; if ($?) { .\91 }
Enter the number of students (max 100): 2
Enter details of 2 students:
Student 1:
Roll No: 10
Name: Anil
Faculty: B.Sc.IT
DOB (date of birth - dd mm yy): 12-05-2062
Student 2:
Roll No: 30
Name: Prajwal
Faculty: Science
DOB (date of birth - dd mm yy): 16-07-2060

Records of students in B.Sc. IT faculty:

Student 1:
Roll No: 10
Name: Anil
Faculty: B.Sc.IT
DOB: 12--5--2062
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 92.c -o 92 } ; if ($?) { .\92 }
Enter the number of customers (max 200): 2
Enter details of 2 customers:
Customer 1:
Account No: 1000
Name: Anil
Balance: 10000
Customer 2:
Account No: 2000
Name: Prajwal
Balance: 20000
Customers with balance below Rs. 100:

Enter account number and choice (1 for deposit, 2 for withdrawal): 2000 1
Enter amount: 10000
Deposit of Rs. 10000.00 successful. New balance: Rs. 30000.00
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 95.c -o 95 } ; if ($?) { .\95 }
Average calculated and written to average.res successfully.
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 93.c -o 93 } ; if ($?) { .\93 }
Enter the number of customers: 2
Enter details of 2 customers:
Customer 1:
Name: anil
Account No: 100
Balance: 1000
Customer 2:
Name: prajwal
Account No: 200
Balance: 2000

Customer with the highest balance:
Name: prajwal
Account No: 200
Balance: 2000.00
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 96.c -o 96 } ; if ($?) { .\96 }
Enter the number of colleges: 3

Enter details for college 1:
Name: Vedas college
Location: Lalitpur
Number of faculties: 5

Enter details for college 2:
Name: Hillside college
Location: Kathmandu
Number of faculties: 6

Enter details for college 3:
Name: Advance college
Location: Lalitpur
Number of faculties: 3

Colleges located in Kathmandu:
Hillside college
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 97.c -o 97 } ; if ($?) { .\97 }
Enter the number of employees: 2

Enter details for employee 1:
Name: prajwal
Identification number: 1
Office name: Everest Bank
Occupation: manager

Enter details for employee 2:
Name: anil
Identification number: 2
Office name: Sanima Bank
Occupation: manager

Employees in Everest Bank with occupation as manager:
prajwal
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 98.c -o 98 } ; if ($?) { .\98 }
Enter the number of customers (max 1000): 3
Enter details of 3 customers:
Customer 1:
Account No: 100
Name: Prajwal
Balance: 100
Customer 2:
Account No: 101
Name: Anil
Balance: 1000
Customer 3:
Account No: 102
Name: Bibek
Balance: 1500

Customers with balance below Rs. 1000:
Account No: 100, Name: Prajwal
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 99.c -o 99 } ; if ($?) { .\99 }
Enter the number of students: 2
Enter student details:
Student 1:
Roll No.: 1
Name: Prajwal
Course: B.Sc.IT
Semester: 2
Student 2:
Roll No.: 2
Name: Anil
Course: B.Sc.IT
Semester: 1
Records where course is B.Sc. IT and semester is 2:
Roll No.: 1, Name: Prajwal, Course: B.Sc.IT, Semester: 2
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```

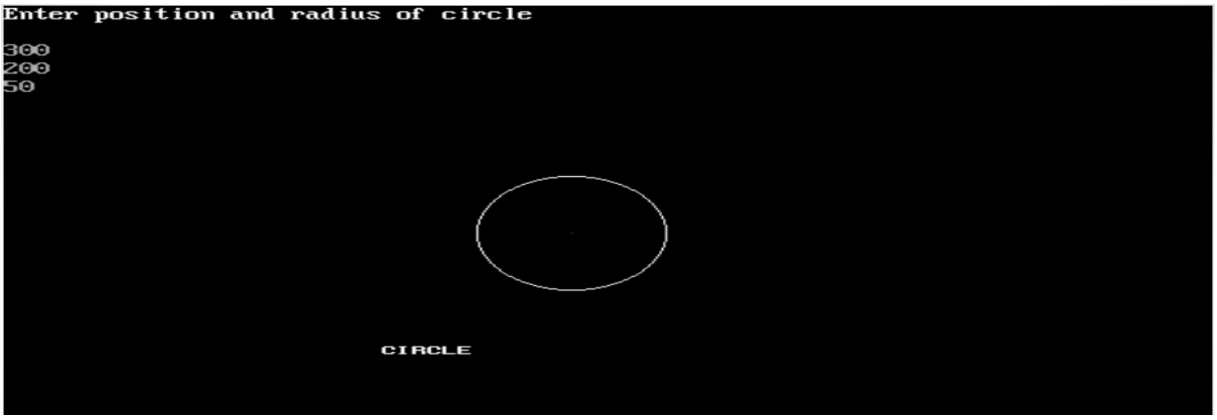
```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 100.c -o 100 } ; if ($?) { .\100 }
Enter the number of employees: 3
Enter details of 3 employees:
Employee 1:
Employee ID: 9
Name: Prajwal
Designation: Manager
Salary: 10000
Employee 2:
Employee ID: 2
Name: Anil
Designation: Employee
Salary: 15000
Employee 3:
Employee ID: 7
Name: Bibek
Designation: Manager
Salary: 1000

Records in ascending order of employee ID:

Employee 1:
Employee ID: 2
Name: Anil
Designation: Employee
Salary: 15000.00

Employee 2:
Employee ID: 7
Name: Bibek
Designation: Manager
Salary: 1000.00

Employee 3:
Employee ID: 9
Name: Prajwal
Designation: Manager
Salary: 10000.00
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```



```
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal> cd "c:\Users\V I C T U S\OneDrive\Documents\Prajwal\" ; if ($?) { gcc 94.c -o 94 } ; if ($?) { .\94 }
Enter details of 20 students:
Student 1:
Name: Prajwal
Roll: 1
Marks in three subjects: 90 80 95
Student 2:
Name: Anil
Roll: 2
Marks in three subjects: 60 80 70
Student 3:
Name: Bibek
Roll: 3
Marks in three subjects: 60 70 75
Student 4:
Name: Luv
Roll: 4
Marks in three subjects: 60 55 50
Student 5:
Name: Aks
Roll: 5
Marks in three subjects: 50 60 45
Student 6:
Name: Nichal
Roll: 6
Marks in three subjects: 40 50 90
Student 7:
Name: Ram
Roll: 7
Marks in three subjects: 50 55 40
Student 8:
Name: Sita
Roll: 8
Marks in three subjects: 40 50 90
Student 9:
Name: Madhav
Roll: 9
Marks in three subjects: 40 45 60
Student 10:
Name: Raj
Roll: 10
Marks in three subjects: 40 65 70
Student 11:
Name: Rohit
Roll: 11
Marks in three subjects: 40 35 60
Student 12:
Name: Manish
Roll: 12
Marks in three subjects: 40 50 45
Student 13:
Name: Manisha
Roll: 13
Marks in three subjects: 40 80 90
Student 14:
Name: Roman
Roll: 14
Marks in three subjects: 40 50 60
Student 15:
Name: Shiva
Roll: 15
Marks in three subjects: 30 40 45
Student 16:
Name: Nikesh
Roll: 16
Marks in three subjects: 50 45 40
Student 17:
Name: Prabesh
Roll: 17
Marks in three subjects: 50 65 50
Student 18:
Name: Roshan
Roll: 18
Marks in three subjects: 40 70 90
Student 19:
Name: Aman
Roll: 19
Marks in three subjects: 55 45 50
Student 20:
Name: Rachana
Roll: 20
Marks in three subjects: 60 65 70

Records in ascending order of total marks:

Student 1:
Name: Shiva
Roll: 15
Total Marks: 115

Student 2:
Name: Rohit
Roll: 11
Total Marks: 135

Student 3:
Name: Manish
Roll: 12
Total Marks: 135

Student 4:
Name: Nikesh
Roll: 16
Total Marks: 135

Student 5:
Name: Ram
Roll: 7
Total Marks: 145

Student 6:
Name: Madhav
Roll: 9
Total Marks: 145

Student 7:
Name: Roman
Roll: 14
Total Marks: 150

Student 8:
Name: Aman
Roll: 19
Total Marks: 150

Student 9:
Name: Aks
Roll: 5
Total Marks: 155

Student 10:
Name: Luv
Roll: 4
Total Marks: 165

Student 11:
Name: Prabesh
Roll: 17
Total Marks: 165

Student 12:
Name: Raj
Roll: 10
Total Marks: 175

Student 13:
Name: Nichal
Roll: 6
Total Marks: 180

Student 14:
Name: Sita
Roll: 8
Total Marks: 180

Student 15:
Name: Rachana
Roll: 20
Total Marks: 195

Student 16:
Name: Roshan
Roll: 18
Total Marks: 200

Student 17:
Name: Bibek
Roll: 3
Total Marks: 205

Student 18:
Name: Anil
Roll: 2
Total Marks: 210

Student 19:
Name: Manisha
Roll: 13
Total Marks: 210

Student 20:
Name: Prajwal
Roll: 1
Total Marks: 265
PS C:\Users\V I C T U S\OneDrive\Documents\Prajwal>
```