1) Create a program that will take 10 numbers from user. And print the numbers that are divisible by 7

Example

Enter the numbers

80

90

77

21

56

23

66

45

90

10

The numbers divisible by 7 are

77

21

56

2) Create a program that will take a min and a max value from user and print all the prime numbers between it.

Sample output

Enter the minimum value

10

Enter the minimum value

20

The prime numbers between 10 and 20 are

11

13

17

19

Another output example

Enter the minimum value

10

Enter the minimum value

5

Invalid entry .

3) Create a program that will take numbers from user until the users enters a negative number and print the numbers that are repeating

Sample output

10

11

23

67

10

23

100

20

-8

The repeating numbers are

10

23

4) Create a program that will take positive numbers from user until the user enters 0 and print back the numbers in ascending order

Sample output

10

11

23

67

10

23

100

20

0

The numbers after sorting

10

10

11

20

23

23

67

100

5) Create a program that will take login details from user and print welcome if username is “Admin”

And password is “admin”(case sensitive). The user can try only 3 times max. If the user login fails the third time the application should state that and end

Sample output

Please enter the username

Ramu

Please enter the password

1234

Invalid username or password

Try again!!

Please enter the username

Admin

Please enter the password

1234

Invalid username or password

Try again!!

Please enter the username

Admin

Please enter the password

ramu

Invalid username or password

Sorry you have already tried 3 times

Another output sample

Please enter the username

Admin

Please enter the password

admin

Welcome….

6) Play the Cow Bull game using an application

The application should have minimum 5 four letter words

First time when the game starts the user starts guessing the word.

If the user guessed word has the same letter in same position then it is score for “Cow”

If the user guessed word has the same letter in different position then it is score for “Bull”

Example

Words = [“kite”,”four”,”neat”,”play”,”goal”]

Play…

Enter the guess

heal

Cows – 0 Bulls – 1

Enter the guess

soul

Cows – 0 Bulls – 0

Enter the guess

time

Cows – 2 Bulls – 1

Enter the guess

type

Cows – 1 Bulls – 1

Enter the guess

kite

Cows – 4 Bulls – 0

You win!!!

Do you want to pay again

Yes

Enter the guess

soul

Cows – 2 Bulls – 0

…

7) Write a program to validate a card

4477 4683 4311 3002

2003 1134 3864 7744

2+0+0+6+1+2+3+8+3+16+6+8+7+14+4+8

2+0+0+6+1+2+3+8+3+7+6+8+7+5+4+8

70%10 =0