1.

msgbox "Hello world"

2.

Dim n

n= inputbox(" enter the number")

n= cint(n)

msgbox ("The given number is" &n)

If (n mod 2)<> 0 then

msgbox ( &n "is odd number")

else

msgbox ("N is even number")

end if

3.

Dim N1,N2,N,oddNumbers

N1= inputbox(" enter the starting range of number")

N2= inputbox(" enter the ending range of number")

N1= cint(N1)

N2= cint(N2)

Msgbox ("The odd numbers between" &N1& "and" &N2& "are")

OddNumbers = " "

For N= N1 to N2

If (N mod 2) <> 0 then

oddNumbers = OddNumbers &cstr(N)& vbtab

End if

NEXt

msgbox (oddNumbers)

4.

Dim N, Factorial

N= Inputbox(" enter the number")

N= cint(N)

Factorial=1

msgbox("The factorial of a number " &N& "is")

For i= 1 to N

Factorial = Factorial \* N

N= n-1

NExt

Msgbox(Factorial)

5.

Dim N, Factors

N= inputbox(" enter the number")

N= cint(N)

Factors= " "

For i= 1 to N

If (N mod i)=0 then

Factors= Factors &cstr(i)& vbtab

End if

NExt

msgbox (factors)

6.

Dim N, N1, N2, primeNumbers, flag

N1= inputbox(" enter the starting range of a number")

N2= inputbox(" enter the ending range of a number")

N1= cint(N1)

N2= cint(N2)

primeNumbers=" "

For N= N1 to N2

flag= 0

for i= 2 to N-1

If (N mod i)= 0 then

flag=1

Exit For

End if

Next

IF flag= 0 then

primeNumbers = primeNumbers &cstr(N)& vbtab

end if

Next

Msgbox (PrimeNumbers)

7.

Dim N1,N2

N1= Inputbox( " Enter the first number")

N2= Inputbox( " Enter the second number")

N1= cint(N1)

N2= cint(N2)

Msgbox(" elements before swapping are N1=" &N1 & vbtaband" & "N2="&N2)

N1= N1+N2

N2= N1-N2

N1= N1-N2

Msgbox(" elements after swapping are N1=" &N1 & vbtab & "N2="&N2)

8.

Dim a, b,ch

a= inputbox(" enter the first number")

b= inputbox(" enter the second number")

a= cint(a)

b= cint(b)

ch= inputbox("1. Addition" &vbtabline& "2.Subtraction" &vbtabline& "3. Multiplication" &vbtabline& "4.Division" &vbtabline& "Enter your choice")

Select case ch

case 1

msgbox(" additon of two numbers are:" &a+b)

Case 2

msgbox(" subtraction of two numbers are:" &a-b)

Case 3

msgbox(" Multiplication of two numbers are:" &a\*b)

Case 4

msgbox(" division of two numbers are:" &a/b)

Case default

msgbox(" wrong choice")

End Select

9.

Dim str,Stringlen

Str = inputbox("enter the string")

msgbox (Str)

StringLen = Len(Str)

msgbox(StringLen)

10.

Dim str,ReverseStr

Str = inputbox("enter the string")

msgbox (Str)

ReverseStr = StrReverse(Str)

msgbox(ReverseStr)

11.

Dim str,Lenstr,ch, noofalphachar

str=inputbox("enter the string")

msgbox(" the given string is:"+str)

lenstr= len(str)

noofalphachar= 0

for i= 1 to lenstr

ch= mid(str,i,1)

if StrComp(ch,[AZaz])=1 then

noofalphachar = noofalphachar + 1

end if

next

msgbox(" The no of alpha char in the given string is:" &noofalphachar)

12.

Dim str,Lenstr,ch, chr, noofspecichar

str=inputbox("enter the string")

chr= inputbox(" enter the specified character")

msgbox(" the given string is: "+str)

lenstr= len(str)

noofspecichar= 0

for i= 1 to lenstr

ch= mid(str,i,1)

if ch=chr then

noofspecichar = noofspecichar + 1

end if

next

msgbox(" The no of alpha char in the given string is:" &noofspecichar)

13.

dim str, strreplace

str = inputbox("enter the string")

msgbox(" the given string before replacing the space with tab is:" + str)

strreplace= Replace(str," ",vbtab)

msgbox(" the string after replacing the space with tab is:" + strreplace)

14.

dim ch, chascii

ch = inputbox("enter the character")

msgbox(" the given character is:" &ch)

chascii= Asc(ch)

msgbox(" the ascii value of a given character is:" &chascii)

15.

Dim chascii, ch

chascii= inputbox(" enter the ascii value")

msgbox(" The given ascii value is:" &chascii)

ch= chr(Chascii)

msgbox(" the character for the given ascii value is:" &ch)

16.

Dim str, Ustr

str= inputbox(" enter the str")

msgbox(" the given str is" &str)

Ustr = ucase(str)

msgbox(" the upper case of the given string is:" &Ustr)

17.

Dim str, Lstr

str= inputbox(" enter the str")

msgbox(" the given str is" &str)

Lstr = lcase(str)

msgbox(" the upper case of the given string is:" &Lstr)

18.

Dim str, outStr,instr, replaceword

str= inputbox("enter the string")

msgbox("string before the replacement is:" &str)

instr= inputbox(" enter the instr string")

replaceword= inputbox(" enter the replacestr string")

outstr= Replace(str,instr,replaceword)

msgbox(" string after the replacement is:" &outstr)

19.

Dim str,reverstr

str= inputbox("enter the string")

msgbox(" The given string is" +str)

reverstr= strReverse(str)

msgbox(" the reverse of a string is:" +reverstr)

If StrComp(str,reverstr)= 0 then

msgbox(" the given string is palindrome")

else

msgbox(" the given string is not palindrome")

end if

20.

Dim str1,str2

str1= inputbox("enter the string")

msgbox(" The given first string is" +str1)

str2= inputbox("enter the string")

msgbox(" The given second string is" +str2)

If StrComp(str1,str2)= 0 then

msgbox(" the given strings are equal")

else

msgbox(" the given strings are not equal")

end if

21.

dim inputarray,index

inputarray = array(10,"20.5","IIIBC","QTP","SIVA")

msgbox("elements of inputarray are")

for index = lbound(inputarray) to ubound(inputarray)

msgbox(inputarray(index))

next

dim a, i

a= array("qtp","referred","by","siva")

msgbox("elements of array are")

for i = ubound(a) to lbound(a) step-1

msgbox(a(i))

next

22---SKIPPING THE ARRAY SORT

23. Addition of 3 matrices

DIM M1(1,1),M2(1,1),M3(1,1),RM1(1,1),rM2(1,1),i,j,rowelements

M1(0,0)=2:M1(0,1)=3:M1(1,0)=4:M1(1,1)=5

M2(0,0)=2:M2(0,1)=3:M2(1,0)=4:M2(1,1)=5

M3(0,0)=2:M3(0,1)=3:M3(1,0)=4:M3(1,1)=5

msgbox(" the first matrix M1 elements are:")

for i= 0 to 1

rowelements= " "

for j=0 to 1

rowelements= rowelements &cstr(M1(i,j))& vbtab

Next

msgbox(rowelements)

next

msgbox(" the second matrix M2 elements are:")

for i= 0 to 1

rowelements= " "

for j=0 to 1

rowelements= rowelements &cstr(M2(i,j))& vbtab

Next

msgbox(rowelements)

next

msgbox(" the addition of first two matrices are:")

for i=0 to 1

for j= 0 to 1

RM1(i,j) = cint(M1(i,j))+ cint(M2(i,j))

Next

Next

For i= 0 to 1

rowelements= " "

for j=0 to 1

rowelements= rowelements &cstr(RM1(i,j))& vbtab

Next

Next

msgbox(" the elements of the result matrix RM1(1,1) are:")

for i= 0 to 1

rowelements= " "

for j= o to 1

rowelements= rowelements &cint(RM1(i,j))& vbtab

next

msgbox(rowelements)

next

msgbox(" the elements of the third matrix M3(1,1) are")

for i=0 to 1

rowelements=" "

for j=0 to 1

rowelements= rowelements &Cint(M3(i,j))& vbtab

next

msgbox(rowelements)

next

msgbox(" the addition of RM(1,1) and M3(1,1)")

for i=0 to 1

for j=o to 1

RM2(i,j) = cint(RM1(i,j)) + Cint(M3(i,J))

next

next

msgbox("The elements of the resultant matrix RM2(1,1) are:")

for i= 0 to 1

rowelements= " "

for j=0 to 1

rowelements= rowelements &cint(RM2(i,j))& vbtab

next

msgbox(rowelements)

next

24—skipping

25.

dim str,outsrt

str= inputbox(" enter the string")

msgbox(" the given string is" +str)

outsrt= split(str," ")

msgbox(" the string converted into array or the array elements are")

for index= lbound(outsrt) to ubound(outsrt)

msgbox(outsrt(index))

next

26.

dim str,outstr,index

str=inputbox("enter the string")

msgbox(" the given string is" +str)

outstr= split(str,"l")

msgbox(" the elements of the array using l as delimeter")

for index = lbound(outstr) to ubound(outstr)

msgbox(outstr(index))

next

27.

dim str,strlen,ch,noofwords, i

str= inputbox("enter the string")

msgbox(" the given string is" &str)

strlen= len(str)

noofwords=1

for i= 1 to strlen

ch= mid(str,i,1)

if StrComp(ch," ")= 0 then

noofwords = noofwords + 1

end if

msgbox(noofwords)

next

28.

dim str,wordreverse,index,outstr

str=inputbox(" enter the given string")

wordreverse=" "

outstr= split(str," ")

msgbox(" the given string is" &str)

for index= ubound(outstr) to lbound(outstr) step-1

wordreverse= wordreverse + outstr(index)& " "

Next

msgbox("the reverse of the words in the string are:" +wordreverse)