UC1

#!/bin/bash –x

echo”welcome”

read –p “Enter your first name ” – “firstName pattern =”^[A-Z]{a-zA-z}{2,}$”;

if[[firstName =- $pattern ]]

then

echo “valid”

else

echo”invalid”

fi

UC\_2

User Needs To Enter Valid first Name

Read –p”Enter your first name -”firstName

Pattern=^[A-Z]{1}{a-zA-Z}{2,}$”;

If[[$firstName =- $pattern]]

then

echo ”valid”

else

echo”invalid”

fi

User Needs To Enter Valid Last Name

Read –p”Enter your first name -”firstName

Pattern=^[A-Z]{1}{a-zA-Z}{2,}$”;

If[[$LastName =- $pattern]]

then

echo ”valid”

else

echo”invalid”

fi

UC3

Read –p”Enter your Email -”Email

Email\_pattern=”^[a-zA-Z]{3}[0-9a-ZA-z\.]\*@[a-z]\*\.(co.in)$”;

If[[email =- $email\_pattern

then

echo ”valid”

else

echo”invalid”

fi

Read –p”Enter your Mobile\_Number -” Mobile\_Number

Mobile\_Number=”^(91\)[6-9]{1}[0-9]{9}$”;

If[[Mobile\_Number =- $ Mobile\_Number

then

echo ”valid”

else

echo”invalid”

fi

UC4

To follow predefined mobile no

Read –p”Enter your Mobile\_Number -” Mobile\_Number

Mobile\_Numben\_Pattern=”^(91\ )[6-9]{1}[0-9]{9}$”;

If[[Mobile\_Number =- $ Mobile\_Number Pattern ]]

then

echo ”valid”

else

echo”invalid”

fi

UC5

To follow predefined mobile no

Read –p”Enter your Mobile\_Number -” Mobile\_Number

Mobile\_Numben\_Pattern=”^(91\ )[6-9]{1}[0-9]{9}$”;

If[[Mobile\_Number =- $ Mobile\_Number Pattern ]]

then

echo ”valid”

else

echo”invalid”

fi

To Enter atleast one upper case in password

Password\_pattern=^( Read –p”Enter your Password -” Password

Password=”^( ?=.\*{8 , }) (?=.\*[a-z]) (?=.\*[A-Z] )(?=.\*[0-9] ) $”;

If[[Password =- $ Password

then

echo ”valid”

else

echo”invalid”

fi

UC6

To Accept Exactly one numeric Number

Read –p”Enter your Password -” Password

Password\_pattern=^(”^(?=.\*[a-z]) (?=.\*[A-Z] )(?=.\*[0-9] )(?=.\*[0-9])( ?=.\*{8 , })$”;

If[[Password =- $ Password

then

echo ”valid”

else

echo”invalid”

fi

UC7

To Accept Exactly one Special Character

Password\_pattern=^( Read –p”Enter your Password -” Password

Password=”^(?=.\*[a-z]) (?=.\*[A-Z] )(?=.\*[0-9] )(?=.\*[\$\?\#\@\%])( ?=.\*{8 , })$”;

If[[Password =- $ Password

then

echo ”valid”

else

echo”invalid”

fi