1. int main()

int a;

{

Cin>>a;

Switch(a)

{

Case 1:

If(a=600000)

Cout<< “Married permenant job holder with 30 years or more of service”<<endl;

Break;

Case 2:

If(a=350000)

Cout<<”Married permanent job holder with less than 30 years of service”<<endl;

Break;

Case 3:

If(a=500000)

Cout<< “Unmarried permanent job holder with 30 years or more of service”<<endl;

Break;

Case 4:

If(a=250000)

Cout<< “Unmarried permanent job holder with less than 30 years of service”<<endl;

Break;

Case 5:

If(a=100000)

Cout<< “For temporary job holder either married or unmarried”<<endl;

Break;

Default:

Cout<< “not eligible”<<endl;

Break;

}

}

1. void emailvalid(char x, int y)

{

Return((x>= ‘a’) && (x<= ‘z’) || (x>= ‘A’) && (x<= ‘Z’));

}

{

Return (y>= ‘0’) && (y<= ‘9’);

}

Void isvalid(string email)

{

Int i;

If(!char(email))

{

Return 0;

}

For(i=1;i<email.length;i++)

void main()

{

String [email = “validatingmail@mail.com](mailto:email%20=%20“validatingmail@mail.com)”

Result=isvalid(email);

If(result)

{

Cout<< “Email”<<is<< “valid”<<endl;

}

{

Cout<< “Email”<<is<< “invalid”<<endl;

}

Return 0;

}

**3)** public static void main(String[] args)

{

int arr[]=new int[7]{33,10,43,33,89,10,33};

int num[]=new int[arr.length];

int read=0;

for(int i=0;i<arr.length;i++)

{

int count=1;

for(int j=i+1;j<arr.length;j++)

{

If(arr[i]=arr[j])

{

Count++;

Num[j]=read;

}

}

If(num[i]!=read)

{

Num[i]=arr.length;

}

For(int i=0;i<num.length;i++)

{

If(num[i]!=read)

System.out.println(arr[i]+ “is” + num[i]);

}

}

}