Q1.

→

This type of error is caused when variable is used without assigning value to it

Q2.

→

public boolean registrationvalid(String S)

{

if (S. length()==10)

{

if(S. substring(4,7)=="bit")

{ return true;

}

else

{

return false;

}

}

else

{

return false;

}

}

This functionality will check whether substring is equal to bit which is our code

Substring method allows to check string at given location without the usage of charAt

Q3.

→

Static keyword define variable as static members of class .It is used to access members without creating object

Q4.

→

Line 6

Null

String variable is not assigned any value so it will be assigned with default value Null

Line 8

2024