```
public class tryclass
public static void ex()
  list<contact> conlist=new list<contact>{
    new contact (firstname='radha',lastname='sharma',email='r@gmail.com'),
     new contact (firstname='AMit',lastname='verma',email='ar@gmail.com'),
    new contact (firstname='rahul',lastname='mehra',email='ra@gmail.com')
  };
     try
  {
     insert conlist;
  }
  catch(dmlexception e)
  {
  system.debug('Handle error message '+e.getmessage());
   system.debug('Handle error message '+e.getlinenumber());
  }
  finally
  {
     system.debug('finally block always raise');
  }
}
}
```

```
public class tryclass
  public static string snew;
public static void ex()
  list<contact> conlist=new list<contact>{
    new contact (firstname='radhika',lastname='sharma',email='rak@gmail.com'),
    new contact (firstname='AMita',lastname='verma',email='ammr@gmail.com'),
    new contact (firstname='rani',email='rasd@gmail.com')
  };
    try
  {
    insert conlist;
  }
  catch(dmlexception e)
  {
  system.debug('Handle error message '+e.getmessage());
  system.debug('Handle error line number '+e.getlinenumber());
  }
  try
  {
    snew.tolowercase(); //snew have no value what is the value of snew is null
  }
  catch(nullpointerexception n)
  {
  system.debug('Handle error of string '+n.getmessage());
  system.debug('Handle error line of string '+n.getlinenumber());
  }
```

```
finally
       {
              system.debug('finally block always raise');
       }
}
 Developer Console - Google Chrome
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        10:51:42:220
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public class tryclass
       public static string snew;
public static void ex()
```

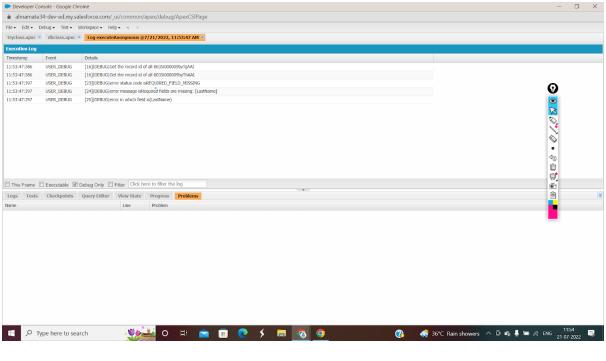
```
list<contact> conlist=new list<contact>{
    new contact (firstname='radhika',lastname='sharma',email='rak@gmail.com'),
    new contact (firstname='AMita',lastname='verma',email='ammr@gmail.com'),
    new contact (firstname='rani',email='rasd@gmail.com')
  };
    try
  {
    insert conlist;
    snew.tolowercase();
  }
  catch(dmlexception e)
  {
  system.debug('Handle error message '+e.getmessage());
  system.debug('Handle error line number '+e.getlinenumber());
  }
/* try
    snew.tolowercase(); //snew have no value what is the value of snew is null
  }*/
  catch(nullpointerexception n)
  {
  system.debug('Handle error of string '+n.getmessage());
  system.debug('Handle error line of string '+n.getlinenumber());
  }
  finally
  {
```

```
system.debug('finally block always raise');
  }
}
}
Program on Database Insert Method
public class dbclass
  public static void insdb()
     list<contact> conlist=new list<contact>{
    new contact (firstname='radhika',lastname='sharma',email='rak@gmail.com'),
    new contact (firstname='AMita',lastname='verma',email='ammr@gmail.com'),
    new contact (<u>firstname='rani',email='rasd@gmail.com'</u>)
   };
      database.saveresult[] results=database.insert(conlist,false);
     for(database.saveresult sr:results)
       if(sr.issuccess())
       {
          system.debug('Get the record id of all '+sr.getid());
       }
```

```
else
{
    database.error[] err=sr.geterrors();
    for(database.error e:err)
    {
        system.debug('error status code is'+e.getstatuscode());
        system.debug('error message is'+e.getmessage());
        system.debug('error in which field is'+e.getfields());
    }
}
```

}

}



.....

```
Program
```

```
public class dbclass
```

```
public static void insdb()
{
    list<contact> conlist=new list<contact>{
    new contact (firstname='radhika',lastname='sharma',email='rak@gmail.com'),
    new contact (firstname='AMita',lastname='verma',email='ammr@gmail.com'),
    new contact (firstname='rani',email='rasd@gmail.com')
};
    database.saveresult[] results=database.insert(conlist,false);
    for(database.saveresult sr:results)
    {
        if(sr.issuccess())
        }
}
```

```
system.debug('Get the record id of all '+sr.getid());
     }
     else
     {
       database.error[] err=sr.geterrors();
       for(database.error e:err)
       {
          system.debug('error status code is'+e.getstatuscode());
          system.debug('error message is'+e.getmessage());
         system.debug('error in which field is'+e.getfields());
       }
     }
  }
public static void deldb()
{
  list<account> aclist=[select name from account where name in('fresh', 'techmax', 'sforce')];
   database.deleteresult[] results=database.delete(aclist,false);
  for(database.deleteresult sr:results)
  {
     if(sr.issuccess())
     {
       system.debug('Get the record id of all '+sr.getid());
```

}

```
}
       else
       {
          database.error[] err=sr.geterrors();
          for(database.error e:err)
          {
            system.debug('error status code is'+e.getstatuscode());
            system.debug('error message is'+e.getmessage());
           //system.debug('error in which field is'+e.getfields());
          }
       }
    }
}
```

Task: predeifined exception

Task :Update result [datbase]