```python
1  import mysql.connector
2  import streamlit as st
3  # Establish a connection to MySQL Server
4
5  mydb = mysql.connector.connect(
6      host="localhost",
7      user="root",
8      password="1202",
9      database="crud_new1"
10 )
11 mycursor=mydb.cursor()
12 print("Connection Established")
13
14 # Create Streamlit App
15 def main():
16     st.title("CRUD operation with Mysql")
17     # Display Options for CRUD operations
18     option=st.sidebar.selectbox("Select an operation"
, ("Create", "Read", "Update", "Delete"))
19     # Perform Selected CRUD Operations
20     if option=="Create":
21         st.subheader("Create a record")
22         name = st.text_input("Enter a name")
23         email = st.text_input("Enter an email")
24         if st.button("Create"):
25             sql = "insert into users(name,email)
values(%s,%s)"
26             val = (name,email)
27             mycursor.execute(sql, val)
28             mydb.commit()
29             st.success("Record created successfully")
30     elif option=="Read":
31         st.subheader("Read a record")
32         mycursor.execute("select * from users")
33         result = mycursor.fetchall()
34         for row in result:
35             st.write(row)
36     elif option=="Update":
37         st.subheader("Update a record")
38         id = st.number_input("Enter ID", min_value=1)
39         name = st.text_input("Enter New Name")
```

```python
40              email = st.text_input("Enter New Email")
41          if st.button("Update"):
42              sql = "update users set name=%s, email=%s
    where id =%s"
43              val = (name, email, id)
44              mycursor.execute(sql, val)
45              mydb.commit()
46              st.success("Record Updated Successfully
    !!!")
47      elif option=="Delete":
48          st.subheader("Delete a record")
49          id = st.number_input("Enter ID", min_value=1)
50          if st.button("Delete"):
51              sql = "delete from users where id =%s"
52              val = (id,)
53              mycursor.execute(sql, val)
54              mydb.commit()
55              st.success("Record Deleted Successfully
    !!!")
56
57
58  if __name__ == "__main__":
59      main()
60
```