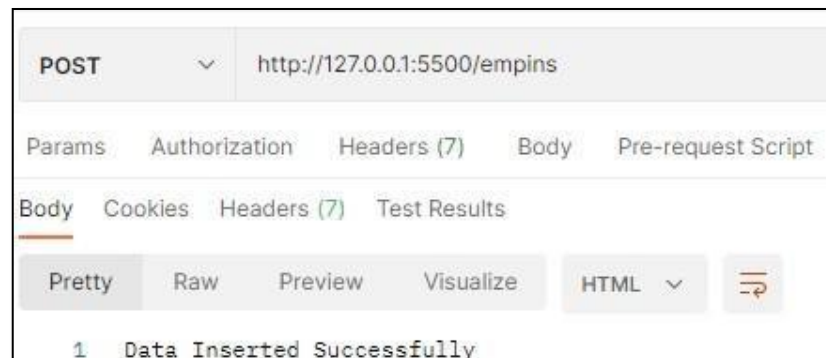**Aim:-**
a. **Implement Insert Operation to add new record of student in Student Information System.**
Code Snippet:

```
//Insert Student Details to the Database (CREATE)
app.post('/stduins',(req,res)=>{
   let emp=req.body;
   var ins="insert into stdu values(2,'Hardik','CE','A')";
   sqlcon.query(ins,{stdu : stdu}, (err, rows, fields)=>{
     if(!err)
     {
                  res.send('Data Inserted Successfully');
      }
     else
     {
        console.log(err);
     }
   });
});
```

Final Outcome:

b. Implement Update Operation to modify any details of student in Student Information System.

Code Snippet:

```
// Update Stdu Details in Database (UPDATE)
app.put('/stduupt/:id',(req,res)=>{
   let stdu=req.body;
   sqlcon.query("update stdu set dept='CE',grade='A' where id=2",[req.params.id],(err,
rows, fields)=>{
      if(!err)
      {
               res.send('Data Updated Successfully');
      }
      else
      {
         console.log(err);
      }
   });
});
```

Final Outcome:

c. **Implement Delete Operation to remove any student from Student Information System.**

Code Snippet:

```
// Delete Employee Details from Database (DELETE)
app.delete('/stdudel/:id',(req,res)=>{
   sqlcon.query('delete from stdu where id=?',[req.params.id],(err, rows, fields)=>{
     if(!err)
     {
       res.send('Delete Success');
     }
     else
     {
       console.log(err);
     }
   });
});
```

Final Outcome: