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[ ] loss_1=tf.keras.losses.Binarycrossentropy()  
classifier.compile(optimizer='Adam',loss=loss_1,metrices=['accuracy'])
```

```
[ ] classifier.fit(X_train,Y_train,batch_size=20,epochs=100)
```

```
[ ] import pickle  
pickle.dump(knn,open("placement.pkl",'wb'))  
model=pickle.load(open('placement.pkl','rb'))
```

```
[ ] <section id="hero"class="d-flex flex-column justify-content-center">  
  <div class="container">  
    <div class="row justify-content-center">  
      <div class="col-xl-8">  
        <h1>Identifying Patterns and Trends in Campus Placement Data using Machine Learning</h1>  
      </div>  
    </div>  
  </div>  
</section><!--End Hero-->
```

```
[ ] <section id="about"class="about">  
  <div class="container">  
    <div class="section-title">
```

0s completed at 4:38 AM

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+ Code + Text

[ ] <section id="about" class="about">
  <div class="container">
    <div class="section-title">
      <h2>Fill the details</h2>
    </div>
    <div class="row content">
      <div class="first">
        <form action="{{url_for('y_predict')}}" method="post">
          <input type="number" id="sen2" name="sen2" Placeholder="Gender M(0),F(0)">
          <input type="number" id="sen3" name="sen3" Placeholder="Stream CS(0),IT(1),ECE(2),Mech(3),EEE(4)Civil(5)">
          <input type="number" id="sen4" name="sen4" Placeholder="Internships">
          <input type="number" id="sen5" name="sen5" Placeholder="CGPA">
          <input type="number" id="sen6" name="sen6" Placeholder="Number of backlogs">
          <input type="submit" values="submit">
        </form>
      </div>
    </div>
  </div>
</section><!--End About UsSection-->

[ ] <section id="hero" class="d-flex flex-column justify-content-center">
  <div class="container">
    <div class="row justify-content-center">
      <div class="col-xl-8">
        <h1>The prediction is :{{y}}</h1>
```

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+ Code + Text

[ ] <section id="hero"class="d-flex flex-column justify-content-center">
    <div class="container">
    <div class="row justify-content-center">
    <div class="col-xl-8">
    <h1>The prediction is :{{y}}</h1>
    <h3>0 represents Not-Placed </h3>
    <h3>1 represents Placed </h2>
    </div>
    </div>
    </div>
    </section><!-- End Hero -->

[ ] from flask import Flask,render_template,request
    app=Flask(__name__)
    import pickle
    import joblib
    model=pickle.load(open("placement123.pkl",'rb'))
    ct=joblib.load('placement')

[ ] @app.route('/')
    def hello():
        return render_template("index.html")

[ ] @app.route('/guest',methods=["POST"])
    def guest():
```

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[ ] @app.route('/guest',methods=["POST"])
    def guest():
        sen1=request.form["sen1"]
        sen2=request.form["sen2"]
        sen3=request.form["sen3"]
        sen4=request.form["sen4"]
        sen5=request.form["sen5"]
        sen6=request.form["sen6"]

        @app.route('/y_predict',methods=["POST"])
        def y_predict():
            x_test = [(yo)for yo in request.form.values()]
            prediction =model.predict(x_test)
            prediction = prediction[0]
            return render_template("secondpage.html",y=prediction)

[ ] app.run(debug=True)

[ ] serving Flask app "app"(lazy loading)
    Environment: production

    Debug mode :on
    restarting with watchdog(windowsapi)
    Debugger is active!
```

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```

```
[ ] serving Flask app "app"(lazy loading)
Environment: production

Debug mode :on
restarting with watchdog(windowsapi)
Debugger is active!
Debugger PIN:146-359-021
Running on http://127.0.0.1:5000/(Press CTRL+C to quit)
```