Program:

import pandas as pd

df = pd.read\_csv("C:\\Users\\ragha\\Downloads\\corporate\_work\_hours\_productivity.csv")

df.columns = df.columns.str.strip()

df = df.dropna(subset=['Department', 'Monthly\_Hours\_Worked'])

df['Monthly\_Hours\_Worked'] = pd.to\_numeric(df['Monthly\_Hours\_Worked'], errors='coerce')

df = df.dropna(subset=['Monthly\_Hours\_Worked'])

dept\_hours = df.groupby('Department')['Monthly\_Hours\_Worked'].sum().reset\_index()

pivot\_table = dept\_hours.pivot\_table(values='Monthly\_Hours\_Worked', index='Department')

max\_dept = pivot\_table['Monthly\_Hours\_Worked'].idxmax()

max\_hours = pivot\_table['Monthly\_Hours\_Worked'].max()

print("\n📊 Department-wise Total Monthly Working Hours Summary:\n")

print(pivot\_table)

print(f"\n🏆 Highest Total Working Hours:\n{max\_dept} → {max\_hours:.2f} hours")

Output:

