

The screenshot shows the Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Editor Area:** Displays Python code for creating a table named "planetas" and inserting data into it. The code uses MySQL syntax and includes error handling for table existence.
- Explorer Bar:** Shows the project structure with files like `programa_05General.py`, `Tarea3.py`, and `ra4.py`.
- Terminal:** Shows the command line output of the executed script, indicating successful connection, table creation, and data insertion.
- Status Bar:** Shows the current file is `Tarea3.py`, and other details like line 65, column 34, and encoding.

```
CREATE TABLE planetas(
    id INT AUTO_INCREMENT PRIMARY KEY,
    nombre VARCHAR(100) NOT NULL,
    tipo VARCHAR(50),
    lunas INT
);
cursor.execute(createTabla)
datos = [
    ("Tierra", "Planeta Azul", 1),
    ("Marte", "Planeta Rojo", 2),
]
insert = "INSERT INTO planetas (nombre, tipo, lunas) VALUES (%s, %s, %s)"

cursor.executemany(insert, datos)
conexion.commit()

print(f"Se han insertado {cursor.rowcount} filas correctamente")
select = "SELECT id, nombre, tipo, lunas FROM planetas WHERE id = 1"

cursor.execute(select)
resultados = cursor.fetchall()

for fila in resultados:
    id,nombre, tipo, lunas = fila
    print(f"El planeta: {nombre}, del tipo:{tipo}, con :{lunas} lunas, tiene la id: {id}")

print("Tabla creada correctamente")
except Error as e:
    print(f"Error al conectar a la base de datos: {e}")
except as a:
    if a errno == 1050: # Código de error: table exists
        print("Error: La tabla ya existe.")
else:
    print("Conexión establecida correctamente")
    print(f"El Planeta: Tierra, del tipo:Planeta Azul, con :1 lunas, tiene la id: 1")
    print("Tabla creada correctamente")
    print("Conexión cerrada")
finally:
    conexion.close()
    print("Conexión cerrada")
```