

```

postgres=# CREATE FUNCTION Bicicleta(cadence integer, speed integer, gear integer, perimetrerodes real, dentsplatgros integer, dentspinyomenut integer) RETURNS void AS $$
BEGIN
INSERT INTO Bicycle VALUES (cadence,speed,gear,perimetrerodes,dentsplatgros,dentspinyomenut);
END;
$$ LANGUAGE plpgsql;
CREATE FUNCTION

```

```

postgres=# select Bicicleta(1,2,3,4.0,5,6);
bicicleta

```

-----

(1 fila)

```

postgres=# select * from Bicycle;
 cadence | speed | gear | perimetrerodes | dentsplatgros | dentspinyomenut
-----+-----+-----+-----+-----+-----
    1001 |     0 |     1 |             26 |             42 |             11
    1003 |     0 |     7 |             45 |             20 |             85
    300  |     0 |     3 |             24 |             50 |             54
         1 |     2 |     3 |              4 |              5 |              6

```

(4 filar)

Aquestes 2 captures son la funcio de la bicicleta i com inserto la bici i com la mostro

```

postgres=# CREATE OR REPLACE FUNCTION speedup(oids integer, up integer) RETURNS void AS $$
BEGIN
UPDATE Bicycle set speed = speed+up WHERE oid=oids;
END;
$$ LANGUAGE plpgsql;

```

```

postgres=# select speedup(16545,50);
speedup

```

-----

(1 fila)

```

postgres=# select * from Bicycle;
 cadence | speed | gear | perimetrerodes | dentsplatgros | dentspinyomenut
-----+-----+-----+-----+-----+-----
    1003 |     0 |     7 |             45 |             20 |             85
    300  |     0 |     3 |             24 |             50 |             54
         1 |     2 |     3 |              4 |              5 |              6
    1004 |     0 |     6 |             50 |             21 |             12
    1001 |    50 |     1 |             26 |             42 |             11

```

(5 filar)

Aquestes son la funcio de la suma i com la mostro

```

postgres=# CREATE FUNCTION dismspeed (oids integer, menos integer) RETURNS void AS $$
postgres## BEGIN
postgres## UPDATE Bicycle set speed = speed-menos WHERE oid=oids;
postgres## END;
postgres## $$ LANGUAGE plpgsql;
CREATE FUNCTION
postgres=# select dismspeed(16545,49);
dismspeed
-----

```

(1 fila)

```

postgres=# select * from Bicycle;
 cadence | speed | gear | perimetrerodes | dentsplatsgros | dentspinyomenut
-----+-----+-----+-----+-----+-----
    1003 |     0 |    7 |           45 |           20 |             85
     300 |     0 |    3 |           24 |           50 |             54
        1 |     2 |    3 |            4 |            5 |              6
    1004 |     0 |    6 |           50 |           21 |             12
    1001 |     1 |    1 |           26 |           42 |             11

```

(5 filas)

```

postgres=# █

```

Aquesta es la funcio de disminuir velocitat i com et mostro que disminuix

```

postgres=# CREATE OR REPLACE FUNCTION desarrollament(oids integer, OUT desarrollo real) AS $$
BEGIN
desarollo := (SELECT perimetrerodes*dentsplatsgros/dentspinyomenut AS Calcul from Bicycle WHERE oid=oids);
END;
$$ LANGUAGE plpgsql;
CREATE FUNCTION
postgres=# SELECT desarrollament(16547);
desarollament
-----
    10.5882
(1 fila)

```

```

postgres=# █

```

Aquesta es la funcio del desarrollament i el seu select

