Nama : Rashif Zhafir

Batch : 17 Online

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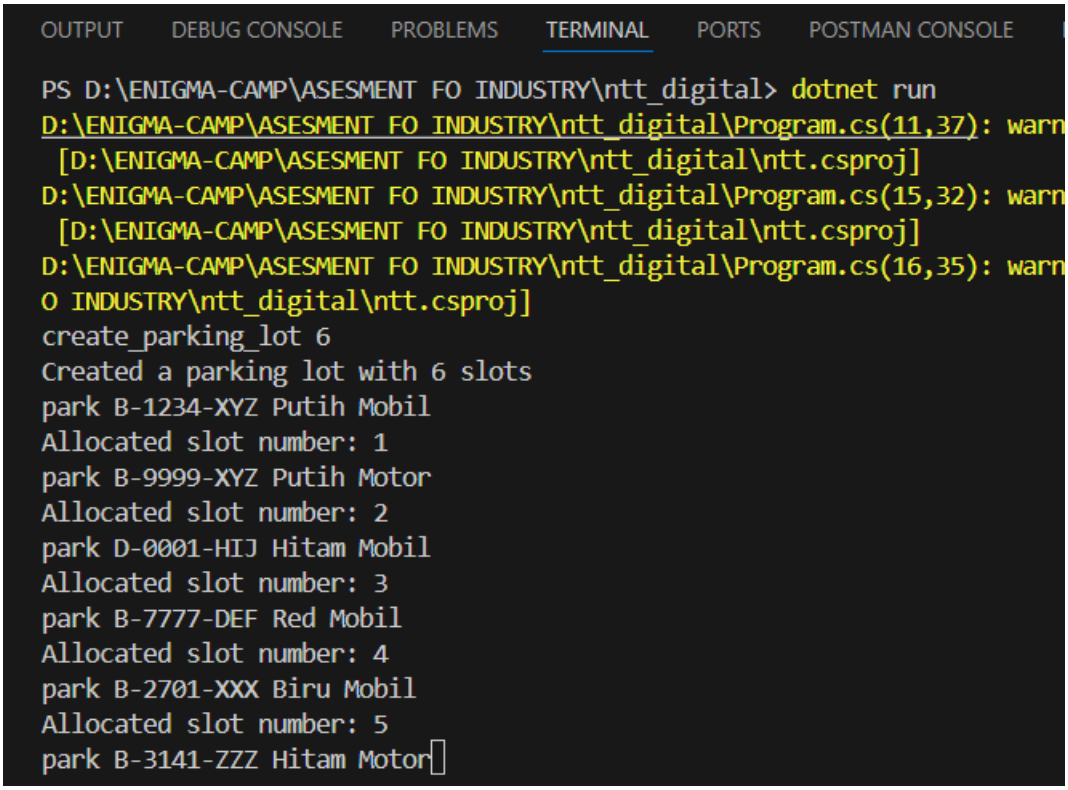
Company / Role : NTT Digital Business / .Net

Link Github : *https://github.com/rashif-enigma/ntt_digital_test*

Output nya :

Report

i. Membuat Lot parkir



ii. Dibutuhkan laporan jumlah lot yang tersedia.

```
leave 4
Slot number 4 is free
status
Slot    No.     Type    Registration No Colour
1       B-1234-XYZ      Mobil   Putih
2       B-9999-XYZ      Motor   Putih
3       D-0001-HIJ      Mobil   Hitam
5       B-2701-XXX      Mobil   Biru
6       B-3141-ZZZ      Motor   Hitam
```

*Input parkir untuk mengisi no 4 dan 1 lagi untuk menunjukan parkiran penuh

```
park B-333-SSS Putih Mobil
Allocated slot number: 4
park A-1212-GGG Putih Mobil
Sorry, parking lot is full
```

i. Dibutuhkan laporan jumlah kendaraan berdasarkan nomor kendaraan ganjil dan genap.

Ganjil

```
registration_numbers_for_vehicles_with_odd_plate
B-333-SSS,
```

Note : dalam output example registration_numbers_for_vehicles_with_ood_plate menghasilkan B-9999-XYZ, D-0001-HIJ, B-2701-XXX nyatanya yang ganjil hanya B-333-SSS mobil berwarna putih

Genap

```
registration_numbers_for_vehicles_with_even_plate
B-1234-XYZ, B-9999-XYZ, D-0001-HIJ, B-2701-XXX, B-3141-ZZZ,
```

Note : dalam output example registration_numbers_for_vehicles_with_event_plate B-1234-XYZ, B-3141-ZZZ yang benar adalah B-1234-XYZ, B-9999-XYZ, D-0001-HIJ, B-2701-XXX, B-3141-ZZZ,

ii. **Dibutuhkan laporan jumlah kendaraan berdasarkan jenis kendaraan.**

```
type_of_vehicles Motor
2
type_of_vehicles Mobil
4
```

iii. **Dibutuhkan laporan jumlah kendaraan berdasarkan warna kendaraan. Putih**

```
registration_numbers_for_vehicles_with_colour Putih
B-1234-XYZ, B-9999-XYZ, B-333-SSS,
slot_numbers_for_vehicles_with_colour Putih
1, 2, 4,
```

Hitam

```
registration_numbers_for_vehicles_with_colour Hitam
D-0001-HIJ, B-3141-ZZZ,
slot_numbers_for_vehicles_with_colour Hitam
3, 6,
```

Biru

```
registration_numbers_for_vehicles_with_colour Biru
B-2701-XXX,
slot_numbers_for_vehicles_with_colour Biru
5,
```

***Mencari tempat parkir berdasarkan no plat kendaraan**

```
slot_number_for_registration_number B-3141-ZZZ
6
slot_number_for_registration_number Z-1111-AAA
Not found
```

***Exit**

```
exit
PS D:\ENIGMA-CAMP\ASESMENT FO INDUSTRY\ntt_digital>
```