UPDATE

1. Ukázka fungování skriptu, kde u záznamu změníme položku *pohlavi* na *ZMĚNA_POHLAVI*.

```
[demo@nixos:~]$ python accident_update.py --id 9f99b4cc-853e-4956-97de-6f54108a7f18
Enter new value for datum (or press Enter to keep current value):
Enter new value for rok (or press Enter to keep current value):
Enter new value for zavineni (or press Enter to keep current value):
Enter new value for viditelnost (or press Enter to keep current value):
Enter new value for situovani (or press Enter to keep current value):
Enter new value for mesic_t (or press Enter to keep current value):
Enter new value for doba (or press Enter to keep current value):
Enter new value for den_v_tydnu (or press Enter to keep current value):
Enter new value for alkohol (or press Enter to keep current value):
Enter new value for alkohol_vinik (or press Enter to keep current value):
Enter new value for hlavni_pricina (or press Enter to keep current value):
Enter new value for srazka (or press Enter to keep current value):
Enter new value for nasledky (or press Enter to keep current value):
Enter new value for pricina (or press Enter to keep current value):
Enter new value for stav_vozovky (or press Enter to keep current value):
Enter new value for povetrnostni_podm (or press Enter to keep current value):
Enter new value for rozhled (or press Enter to keep current value):
Enter new value for misto_nehody (or press Enter to keep current value):
Enter new value for druh_komun (or press Enter to keep current value):
Enter new value for usmrceno_os (or press Enter to keep current value):
Enter new value for tezce_zran_os (or press Enter to keep current value):
Enter new value for lehce_zran_os (or press Enter to keep current value):
Enter new value for hmotna_skoda (or press Enter to keep current value):
Enter new value for smrt (or press Enter to keep current value):
Enter new value for tz (or press Enter to keep current value):
Enter new value for lz (or press Enter to keep current value):
Enter new value for vek_skupina (or press Enter to keep current value):
Enter new value for pohlavi (or press Enter to keep current value): ZMENA_POHLAVI
Enter new value for druh_vozidla (or press Enter to keep current value):
Enter new value for stav_ridic (or press Enter to keep current value):
Enter new value for osoba (or press Enter to keep current value):
Enter new value for ozn_osoba (or press Enter to keep current value):
Enter new value for nasledek (or press Enter to keep current value):
```

2. Výsledkem je pak aktualizovaný záznam.

```
> db.accidents.find({ "_id": "9f99b4cc-853e-4956-97de-6f54108a7f18" })
{ "_id" : "9f99b4cc-853e-4956-97de-6f54108a7f18", "datum" : "12", "rok" : 2022, "zavineni" : "fgh", "viditelnost" : "vdf", "situova
ni" : "df", "mesic_t" : "fdb", "doba" : "fdb", "den_v_tydnu" : "fd", "alkohol" : "fd", "alkohol_vinik" : "ngf", "hlavni_pricina" :
"gbf", "srazka" : "bfgd", "nasledky" : "bfd", "pricina" : "fbd", "stav_vozovky" : "safd", "povetrnostni_podm" : "dsgf", "rozhled" :
"dfbg", "misto_nehody" : "fbd", "druh_komun" : "asw", "usmrceno_os" : 0, "tezce_zran_os" : 0, "lehce_zran_os" : 0, "hmotna_skoda"
: 1000, "smrt" : 0, "tz" : 0, "lz" : 0, "vek_skupina" : "fxcvb", "pohlavi" : "ZMENA_POHLAVI", "druh_vozidla" : "dsf", "stav_ridic"
: "fdb", "osoba" : "sd", "ozn_osoba" : "sdyf", "nasledek" : "fdgb", "ZSJ" : "Falesna", "MC" : "", "x" : 5775, "y" : 545 }
```

INSERT

1. Při vkládání nejdřív vybereme příslušnou městskou část a vyplníme zbytek údajů.

```
[demo@nixos:~]$ python accident_insert.py
{1: 'Brno-střed', 2: 'Brno-sever', 3: 'Brno-Židenice', 4: 'Brno-Černovice', 5: '
Brno-Bystrc', 6: 'Brno-Kníničky', 7: 'Brno-Tuřany', 8: 'Brno-Slatina', 9: 'Brno-
Líšeň', 10: 'Brno-Komín', 11: 'Brno-Bosonohy', 12: 'Brno-Královo Pole', 13: 'Brn
o-Starý Lískovec', 14: 'Brno-Řečkovice a Mokrá Hora', 15: 'Brno-Maloměřice a Obř
any', 16: 'Brno-Bohunice', 17: 'Brno-Jehnice', 18: 'Brno-Útěchov', 19: 'Brno-Chr
lice', 20: 'Brno-Třešť', 21: 'Brno-Horní Heršpice', 22: 'Brno-Úvoz', 23: 'Brno-S
tránice', 24: 'Brno-Medlánky', 25: 'Brno-Žabovřesky', 26: 'Brno-Husovice', 27: '
Brno-Žebětín', 28: 'Brno-Štýřice', 29: 'Brno-Jundrov'}
Lokace: 9
Location is filled automatically:  Brno-Líšeň
Datum: 12
Rok (int): 2022
Zavineni: fgh
Viditelnost: vdf
Situovani: df
Mesic_t: fdb
Doba: fdb
Den_v_tydnu: fd
Alkohol: fd
Alkohol_vinik: ngf
Hlavni_pricina: gbf
Srazka: bfgd
Nasledky: bfd
```

2. Záznam je dohledatelný pod příslušným ID, který jsme mohli získat při ukončení práce se skriptem (vypsal na standardní výstup).

```
> db.accidents.find({ "_id": "9f99b4cc-853e-4956-97de-6f54108a7f18" })
{ "_id" : "9f99b4cc-853e-4956-97de-6f54108a7f18", "datum" : "12", "rok" : 2022, "zavineni" : "fgh", "viditelnost" : "
vdf", "situovani" : "df", "mesic_t" : "fdb", "doba" : "fdb", "den_v_tydnu" : "fd", "alkohol" : "fd", "alkohol_vinik"
: "ngf", "hlavni_pricina" : "gbf", "srazka" : "bfgd", "nasledky" : "bfd", "pricina" : "fbd", "stav_vozovky" : "safd",
 "povetrnostni_podm" : "dsgf", "rozhled" : "dfbg", "misto_nehody" : "fbd", "druh_komun" : "asw", "usmrceno_os" : 0, "
tezce_zran_os" : 0, "lehce_zran_os" : 0, "hmotna_skoda" : 1000, "smrt" : 0, "tz" : 0, "lz" : 0, "vek_skupina" : "fxcv
b", "pohlavi" : "m", "druh_vozidla" : "dsf", "stav_ridic" : "fdb", "osoba" : "sd", "ozn_osoba" : "sdyf", "nasledek" :
 "fdgb", "ZSJ" : "Falesna", "MC" : "", "x" : 5775, "y" : 545 }
```

3. Ověříme, že záznam přibyl i do pole s klíči v kolekci *locations*.

```
7d1-a54f-689fadb8d7f4}", "{878920a6-e7a3-4b7b-9e4f-cac2315b29f0}", "{0948a8cd-bdb6-45e0-867a-3bc1e260cb58}", "{45dcbc
c0-0566-4939-9b26-4e7b4864aa59}", "{ac53b3ad-ad48-4771-9594-09aea33dcba2}", "{cb9618c2-7293-4c38-88b4-fcae95233d43}",
 "{32c6b8a4-fc84-4aa6-9e49-6188b785d958}", "{078dd23d-2286-4106-a6f7-b3fcb7a2c70c}", "{ea8d92be-bc9d-4272-bfdd-6019a2
8a8558}", "{84dd0c14-dcb6-4aad-a8c2-708247c880e2}", "{6604b3db-f6e4-4333-9370-8daecc95d427}", "{7c16d967-fa16-47f0-b9
5b-653dbc746d40}", "{992cdce4-f838-4dee-92e2-e89f81c9c27b}", "{6bf05879-9498-4c03-bad0-b2e04300da17}", "{e9c9d389-974
8-4fac-8440-7c91c02c38bf}", "9f99b4cc-853e-4956-97de-6f54108a7f18" ] }
>
```