This example was created by Omar using this link for vaspkit : https://vaspkit.com/tutorials.html:

The use of vaspkit is for postprocessing data or creating input cards
First to create a MD , relax incar we load vaspkit by typing on your terminal vaspkit.

Example:
Type vaspkit

```
[omf071@platolgn001 NEBExample]$ vaspkit
[mii] loading StdEnv/2023 vaspkit/1.5.1 ...
           \\\///
          / _  _ \         Hey, you must know what you are doing.
        (| (o)(o) |)       Otherwise you might get wrong results.
 o-----.OOOo--()--oOOO.-----------------------------------------o
 |         VASPKIT Standard Edition 1.5.1 (27 Jan. 2024)         |
 |         Lead Developer: Vei WANG (wangvei@icloud.com)         |
 |      Main Contributors: Gang TANG, Nan XU & Jin-Cheng LIU     |
 |  Online Tutorials Available on Website: https://vaspkit.com   |
 o-----.oooO-----------------------------------------------------o
        (   )   Oooo.                          VASPKIT Made Simple
         \ (    (   )
          \_)    ) /
                (_/
 ====================== Structural Utilities ======================
 01) VASP Input-Files Generator    02) Mechanical Properties
 03) K-Path for Band-Structure     04) Structure Editor
 05) Catalysis-ElectroChem Kit     06) Symmetry Analysis
 07) Materials Databases           08) Advanced Structure Models
 ====================== Electronic Utilities ======================
 11) Density-of-States             21) Band-Structure
 23) 3D Band-Structure             25) Hybrid-DFT Band-Structure
 26) Fermi-Surface                 28) Band-Structure Unfolding
 31) Charge-Density Analysis       42) Potential Analysis
 44) Piezoelectric Properties      51) Wave-Function Analysis
 62) Magnetic Analysis             65) Spin-Texture
 68) Transport Properties
 ======================== Misc Utilities ========================
 71) Optical Properties            72) Molecular-Dynamics Kit
 74) User Interface                78) VASP2other Interface
 84) ABACUS Interface              91) Semiconductor Kit
 92) 2D-Material Kit               95) Phonon Analysis
 0)  Quit
 ------------>>
```

After loading vaspkit will display various options with number in front of each properties. To choose a property write the number in front of the property like: 01) VASP Input-Files Generator

Example
We Type 1 in the terminal and you will get these options:

```
1
 ==================== VASP Input Files Options ====================
 101) Customize INCAR File
 102) Generate KPOINTS File for SCF Calculation
 103) Generate POTCAR File with Default Setting
 104) Generate POTCAR File with User Specified Potential
 105) Generate POSCAR File from cif (no fractional occupations)
 106) Generate POSCAR File from Material Studio xsd (retain fixes)
 107) Reformat POSCAR File in Specified Order of Elements
 108) Successive Procedure to Generate VASP Files and Check
 109) Submit Job Queue

 0)   Quit
 9)   Back
 ------------>>
```

If you want to generate INCAR type 101 on the terminal you well get this:

```
 ------------>>
 101) Customize INCAR File
 +----------------------------- Tip -------------------------------+
 |          WARNNING: You MUST know what wou are doing!            |
 |Some Parameters in INCAR file need to be set/adjusted manually.|
 +-----------------------------------------------------------------+
 ======================== INCAR Options ==========================
 ST) Static-Calculation            SR) Standard Relaxation
 MG) Magnetic Properties           SO) Spin-Orbit Coupling
 D3) DFT-D3 no-damping Correction  H6) HSE06 Calculation
 PU) DFT+U Calculation             MD) Molecular Dynamics
 GW) GW0 Calculation               BS) BSE Calculation
 DC) Elastic Constant              EL) ELF Calculation
 BD) Bader Charge Analysis         OP) Optical Properties
 EC) Static Dielectric Constant    PC) Decomposed Charge Density
 PH) Phonon-Calculation            PY) Phonon with Phononpy
 NE) Nudged Elastic Band (NEB)     DM) The Dimer Method
 FQ) Frequence Calculation         LR) Lattice Relaxation
 MT) Meta-GGA Calculation          PZ) Piezoelectric Calculation

 0)   Quit
 9)   Back
 ------------>>
 Input Key-Parameters (STH6D3 means HSE06-D3 Static-Calcualtion)
```

From this stage you type the two let for the calculation you want to perform;
Type ST on the terminal to get the final input.