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**Assignment 3 Project Report**

1. The reason I chose python inbuilt hash function is that it generates hash value without giving errors. It makes it easier to use.
2. Table sizes definitely influences the runtime because when the table size is large, it means it occupies large space in the memory. So, based on the different type of probing, they follow their rules and take times to find an empty slot in the array. This is the reason for table sizes influencing the runtime.
3. Error: I somehow got zero linear probing collisions. This looks odd but couldn’t figure out.