

User Manual

Upon downloading the files for our project, please run `Main.java` and visit the Terminal, where you'll be greeted by the following welcome message:

```
Hello!! Welcome to our application :) Given your zip code, we will generate
a potential family-friendly itinerary, perfect for a summer day!
Each stop will feature free, fun, and fitness-oriented enrichment opportunities
for your children, and stops will not be spaced more than 2 miles apart, making
for
a walkable or bikeable day!
```

You will then be prompted to input your preferences for the following types of landmarks:

```
Let's get started. Would you like a picnic site in your itinerary? [0 = NO, 1 =
YES]
```

```
How about playgrounds? Would you like a playground in your itinerary? [0 = NO,
1 = YES]
```

```
Add a third P! Would you like a pool in your itinerary? [0 = NO, 1 = YES]
```

Additionally, we'll request your input on a starting zip code:

```
Finally, we'll be starting you on a playstreet
(the Philadelphia Parks and Recreation Playstreets Program closes designated
streets to traffic when
school is out for kids to play, and particularly, in the summer, these streets
provide nutritious meals
and snacks when school meals aren't an option). Let us know which zip code
you'd like to start in!
We can service the following Philadelphia zip codes:
[19104, 19119, 19120, 19121, 19122, 19124, 19125, 19126, 19129, 19130, 19131,
19132, 19133, 19134, 19135, 19136, 19137, 19138, 19139, 19140, 19141, 19142,
19143, 19144, 19145, 19146, 19147, 19148, 19149, 19150, 19151, 19154]
```

Please ensure that you give us valid input. Otherwise, you may encounter an exception or a message similar to the following:

```
Sorry, we couldn't understand that input. Would you like a picnic site in your
itinerary? [0 = NO, 1 = YES]
```

We have one last question for you to answer:

```
Last question! Would you like us to let you know if any of the 46 bookstores in
the city
are within your starting zip code? [0 = NO, 1 = YES]
```

And then we'll generate an itinerary for your family! Here's a sample itinerary for 19104, Penn's zip code, and with all the preferences checked as "YES":

```
Amazing! We found the following itinerary for you for starting zip code 19104
Start at playstreet: 3800 Block of ASPEN ST
Next stop (0.00146 miles away from previous stop): pool: Ellis Pool at address:
708 N 39TH ST
Next stop (2.2E-4 miles away from previous stop): playground: Norman (Butch)
Ellis Playground
End (0.0 miles away from previous stop) at picnic: 37th and Mount Vernon
Playground
Hold on while we look for bookstores within your zip code... :)
Within zip code 19104, we found the following bookstore(s):
bookstore: Faber, Coe & Gregg at address: 2955 Market Street
bookstore: House of Our Own at address: Books 3920 Spruce Street
bookstore: Last Word Bookshop at address: 220 South 40th Street
bookstore: Making Worlds Cooperative Bookstore at address: 210 South 45th
Street
bookstore: Penn Bookstore at address: 3601 Walnut Street
Please note that we tried our best to fulfill each type of point of interest
that you requested. However, for example, if your starting point was too far
from pools, we may not have any pools in your recommended itinerary.
```