



```
DEF ftsingle(adults,
children, seniors,
duration):
tno_sim <-- ""
ft_quan <-- 0
```

```
Is (adults + seniors)
< children ?
```

```
tno_sim <-- tno_sim
+ "-d x " +
STR(math.FLOOR((a
dults + seniors) / 2))
+ "-"; ft_quan <--
math.FLOOR((adults
+ seniors) / 2)
```

```
Is (adults + seniors)
> children ?
```

```
tno_sim <-- tno_sim
+ "-d x " +
STR(math.FLOOR(c
hildren / 3)) + "-";
ft_quan <--
math.FLOOR(childre
n / 3)
```

```
Is (adults + seniors
+ children) < 6 ?
```

```
bv_sim <-- [(adults -
(2 * ft_quan)),
(children - (3 *
ft_quan)), (seniors -
(2 * ft_quan))]
```

```
bv_sim_two <--
[((adults + seniors) -
(2 * ft_quan)),
(children - (3 *
ft_quan))]
people <-- 0
```

```
Is bv_sim[0] ?
```

```
tno_sim <-- tno_sim
+ "-a x " +
STR(bv_sim[0]) + "-"
```

```
Is bv_sim[1] ?
```

```
tno_sim <-- tno_sim
+ "-b x " +
STR(bv_sim[1]) + "-"
```

```
Is bv_sim[2] ?
```

```
tno_sim <-- tno_sim
+ "-c x " +
STR(bv_sim[2]) + "-"
```

```
Is item > 0 ?
```

```
people < people +
item
```

```
Is item IN
bv_sim_two ?
```

```
Is people > 0 ?
```

```
tno_sim <-- tno_sim
+ "-e x " +
STR(people) + "-"
```

```
tno_sim <--
inp_format(tno_sim).SPLIT(" & ")
RETURN cost_sim(tno_sim,
duration)
```

```
table <-- PrettyTable()
table_two <-- PrettyTable()
table_days <-- PrettyTable()
count <-- 0
tot_cost <-- 0
book_no <-- 1
error <-- False
tc_cost <-- 0
ex_cost <-- 0
```

```
duration <-- INPUT
"How many days do you
want to book for? (1/
2)(N --> Bookings are
all done)" + "\n" + ">> "
```

```
duration <--
INT(duration)
```

```
Is duration == 'N' ?
```

```
Is duration == 1 ?
```

```
Is duration == 2 ?
```

```
table.FIELD_NAM
ES <-- ["T.no",
"Ticket type",
"Cost for two
days", "E.no",
"Extra attraction",
"Cost per person"]
```

```
count += 1
```

```
Is count >= 3 ?
```

```
table.ADD_ROW([
key, val, ("&" +
STR(cost_two[key]
)), "----", "----", "----"])
```

```
Is count == 1 ?
```

```
att_choose < 'f'
```

```
Is count == 2 ?
```

```
att_choose < 'g'
```

```
Is count == 3 ?
```

```
att_choose < 'h'
```

```
table.ADD_ROW([
key, val, ("&" +
STR(cost_two[key]
)), att_choose,
ext_attract[att_cho
ose],
ext_cost[att_choos
e]])
```

```
Is key, val IN
ticket_type.ITEMS()
?
```

```
PRINT
table.GET_
STRING
()
PRINT
table_two.
GET_ST
RING(bor
der<--
False)
```

```
table_days.FIELD
_NAMES <--
["Days"]
```

```
table_days.ADD_
ROW(["Monday (1)
| Tuesday (2) |
Wednesday (3) |
Thursday (4) |
Friday (5) |
Saturday (6) |
Sunday (7)"])
```

```
PRINT
table_days.
GET_STRI
NG(header
<--False)
```

```
day_st <-- INT(INPUT "Enter
the starting day of your
booking." + "\n" + "Example:
2 (for Tuesday)" + "\n" + ">>
") - 1
```

```
table.FIELD_NAM
ES <-- ["T.no",
"Ticket type",
"Cost for one day",
"E.no", "Extra
attraction", "Cost
per person"]
```

```
count += 1
```

```
Is count >= 3 ?
```

```
table.ADD_ROW([
key, val, ("&" +
STR(cost_one[key]
)), "----", "----", "----"])
```

```
Is count == 1 ?
```

```
att_choose < 'f'
```

```
Is count == 2 ?
```

```
att_choose < 'g'
```

```
table.ADD_ROW([
key, val, ("&" +
STR(cost_one[key]
)), att_choose,
ext_attract[att_cho
ose],
ext_cost[att_choos
e]])
```

```
Is key, val IN
ticket_type.ITEMS()
?
```





