

```
#include<iostream>
using namespace std;
```

```
int main()
{
```

```
cout<<"\n\n\n\t\t\t\t\t*****ADVANCE DATA STRUCTURE PROJECT-1*****\n";
```

```
int i, opt1, opt2, opt3, ride, adult, kids, family, opt4, opt5; int price=0;
```

next:

[illegible]

```
cout<<"1. Adul t\n2. Ki ds \n3. Fami ly \n";
```

```
for ( i = 0; i < 15; ++i )
{
```

```
//next:
```

```
cout << "\n\n\t\t\tENTER YOUR CHOICE: ";
```

```
ci n>>ri de;
```

```
//to restrict user's input
```

try

{

```
if (ride != 1 && ride != 2 && ride != 3 && ride != 4)
```

{

throw ride;

}

}

```
catch (int ride)
```

{

```
cout << "Wrong choice opted\n";
```

```
got o next;
```

}

```
//inside specific ride
```

```
switch(ride)
```

{

case 1:

```
cout<<"\n<<<<<<<<<<<<<<<Adul t Ri de and Sl i des>>>>>>>>>>>>\n";
```

```
//next:
```

```
cout << "Only for Adult\nRI DE***"
```

1. Aqua Di ve\ t

\t \n\t2. Dragon Jet\t

\t \n\t3. Dragon Jet\t

\t \n\t 4. Bul l f i g h t

5. Swing it

\t \n\t6. Gaming Adventure Zone\t

\t\n\t7. Cricket zone\t

\t \n\t8. Parachute Tower\t

\t \n\t9. Swing Chair\t

```
\t \n SLI DES***\n
```

\t10. Wildwood Jungle Zone\t

```

\t \n\t11. Gorilla Slide\t
\t \n\t12. Elephant Slide\t
\t \n\t13. Dragon Slide\t
\t \n\t14. Family Pirates\t
\t \n\t15. Pirate Pool\t
\t \nENTER YOUR CHOICE: ";
for(i=0; i<15; ++i)
{
    cin>>adul t;

    try
    {
        if (adul t != 1 && adul t != 2 && adul t != 3 && adul t != 4
            && adul t != 5 && adul t != 6 && adul t != 7 && adul t != 8
            && adul t != 9 && adul t != 10 && adul t != 11 && adul t != 12
            && adul t != 13 && adul t != 14 && adul t != 15)
        {
            throw adul t;
        }
    }
    catch (int adul t)
    {
        cout << "Wrong choice opted\n";
        //goto next;
    }

    switch (adul t)
    {

    case 1:
        price = price + 50; break;
    case 2:
        price = price + 80; break;
    case 3:
        price = price + 70; break;
    case 4:
        price = price + 50; break;
    case 5:
        price = price + 40; break;
    case 6:
        price = price + 80; break;
    case 7:
        price = price + 50; break;
    case 8:
        price = price + 70; break;
    case 9:
        price = price + 80; break;
    case 10:
        price = price + 20; break;
    case 11:
        price = price + 30; break;
    case 12:
        price = price + 50; break;
    case 13:
        price = price + 60; break;
    case 14:

```



```

catch (int kids)
{
    cout << "Wrong choice opted\n";
    //goto next;
}

switch (kids)
{

case 1:
    price = price + 70; break;
case 2:
    price = price + 80; break;
case 3:
    price = price + 80; break;
case 4:
    price = price + 90; break;
case 5:
    price = price + 50; break;
case 6:
    price = price + 60; break;
case 7:
    price = price + 50; break;
case 8:
    price = price + 80; break;
case 9:
    price = price + 50; break;
case 10:
    price = price + 30; break;
case 11:
    price = price + 20; break;
case 12:
    price = price + 50; break;
case 13:
    price = price + 30; break;
case 14:
    price = price + 70; break;
case 15:
    price = price + 90; break;
}
cout<<"\n\nPrice is- " <<price<<endl;

if(opt3 == 1)
{
    continue;
    cout<<"Enter Your Choice";
}

else
    break;
}
break;

```

case 3:

[illegible]

```

    case 7:
        price = price + 50; break;
    case 8:
        price = price + 80; break;
    case 9:
        price = price + 50; break;
    case 10:
        price = price + 30; break;
    case 11:
        price = price + 20; break;
    case 12:
        price = price + 50; break;
    case 13:
        price = price + 30; break;
    case 14:
        price = price + 70; break;
    case 15:
        price = price + 90; break;
}
cout<<"\n\nPri ce i s- " <<price<<endl;

```

```

if(opt4 == 1)
{
    continue;
    cout<<"Enter Your Choi ce";
}

```

```

else
    break;
}

```

```

break;
default:
    cout<<"W ong opti on\n";
    break;
}

```

//asking users for other ride options

```

cout<<"Do you want to try other rides also?\tClick 1 to continue:";
cin>>opt1;

```

```

if(opt1 == 1)
    continue;

```

```

else
    break;

```

```

}
return 0;

```

```

}

```