```
#i ncl ude<i ostream>
using namespace std;
int main()
            cout <<"\n\n\t\t\t\t\t\t*****ADVANCE DATA STRUCTURE PROJECT-1****\n";</pre>
            int i, opt1, opt2, opt3, ride, adult, kids, family, opt4, opt5; int price=0;
            next:
            cout <<"\n\n\t\t\t\t\t\t----RI DE SELECTI ON----\n";
            cout << "1. Adul t \ n2. Ki ds \ n3. Family \ n";</pre>
            for(i =0; i <15; ++i)
                //next:
                cout <<"\n\n\t\tENTER YOUR CHOICE: ";</pre>
                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";</pre>
                    goto next;
                }
            //inside specific ride
            switch(ride)
            {
                case 1:
                    cout <<"\n<<<<<<<<<<d>\n<<<<\\n";
            //next:
            cout << "Only for Adult\n RIDE***
            \n\t1. Agua Dive\t
            t \in \mathbb{Z} Dragon Jet
            t \in \mathbb{T} Dragon Jet
            t \ln t4. Bull fight
            \t \n\t5. Swing it\t
            \t \n\t6. Gaming Adventure Zone\t
            \t Cricket zone\t
            \t \n\t8. Parachute Tower\t
            t \in \n t9. Swing Chair t
            \t \n SLI DES***\n
            \t10. Wildwood Jungle Zone\t
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\t \n\t11. Gorilla Slide\t
t \ln t12. Elephant Slidet
t \ln t14. Family Pirates\t
\t \n\t15. Pirate Pool\t
   \nENTER YOUR CHOICE: ";
    for(i =0; i <15; ++i)
    {
        ci n>>adul t;
        try
        {
                if (adult != 1 && adult != 2 && adult != 3 && adult != 4
                && adult != 5 && adult != 6 && adult != 7 && adult != 8
                && adult != 9 && adult != 10 && adult != 11 && adult != 12
                && adult != 13 && adult != 14 && adult != 15)
            {
                    throw adult;
            }
        }
        catch (int adult)
            cout << "Wrong choice opted\n";</pre>
            //goto next;
        }
        switch (adult)
        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;
            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:
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price = price + 40; break;
    case 15:
        price = price + 30; break;
    cout <<"\n\nPrice is-"<<pre>ce<<endl;</pre>
    if(opt 2 == 1)
        continue;
        cout << "Enter Your Choi ce";</pre>
    }
    else
        break:
}
    br eak;
case 2:
    cout <<"\n<<<<<<<Ki ds Ri de and Sl i des >>>>>>>>\n";
cout << "Only for Ki des\n RI DE***\n\t1. Sky Train\t
\t \n\t2. Photo Points\t
\t \n\t3. Mini Merry Go Round\t
t \in \mathbb{R}
\t \n\t5. Baby Train\t
\t \n\t6. Uncle San's wheel\t
\t n\t 7. Jump n Joy\t
    \n\t8. Bouncing Dragon\t
t \in \mathbb{R} Swing Chair\t
\t \n SLI DES***\n
\t10. Water Play Zone Zone\t
      \n\t11. Gorilla Slide\t
\t
\t \n\t12. Elephant Slide\t
t \ln t3. Wave pool t
    \n\t14. Multi Slide Tower\t
\t \n\t15. Pirate Pool\t
    \nenter your choice: ";
for(i =0; i <15; ++i)
{
    ci n>>ki ds;
    try
    {
            if (kids!= 1 && kids!= 2 && kids!= 3 && kids!= 4
               && kids != 5 && kids != 6 && kids != 7 && kids != 8
              && ki ds != 9 && ki ds != 10 && ki ds != 11 && ki ds != 12
              && ki ds != 13 && ki ds != 14 && ki ds != 15)
        {
                 throw kids;
        }
    }
```

```
catch (int kids)
    {
        cout << "Wrong choice opted\n";</pre>
        //goto next;
    }
    switch (kids)
    case 1:
        price = price + 70; break;
    case 2:
        price = price + 80; break;
        price = price + 80; break;
    case 4:
        price = price + 90; break;
    case 5:
        price = price + 50; break;
    case 6:
        price = price + 60; break;
        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- "<<pri>rice<<endl;</pre>
    if(opt3 == 1)
    {
        continue;
        cout << "Enter Your Choi ce";</pre>
    }
    else
        br eak;
br eak;
```

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case 3:
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cout <<"\n<<<<<<<<<<Family Ri de and Sli des>>>>>>>>>>>\n";
    //next:
cout << "Family\n RI DE***\n\t1. Family Picnic Zone\t
t \ln t2. Striking Car\t
t \in \mathbb{R}
t \in \mathbb{R}
t \in \n t5. 5D Ri del t
t \in \n t6. 5D Movie t
\t \n \t 7. Mini Twister\t
    \n\t8. Tsunami\t
\t \n\t 9. Swing Chair\t
\t \n SLI DES***\n
\t10. Water Play Zone Zone\t
     \n\t11. Water Slide\t
١t
\t \n\t12. Fountain Dance\t
t \ln t3. Wave pool t
    \n\t14. Multi Slide Tower\t
\t \n\t15. Pirate Pool\t
\t
    \nenter your choice: ";
for(i =0; i <15; ++i)
    ci n>>f amily;
    try
    {
            if (family != 1 && family != 2 && family != 3 && family != 4
              88 family != 5 88 family != 6 88 family != 7 88 family != 8
              && family != 9 && family != 10 && family != 11 && family != 12
              && family != 13 && family != 14 && family != 15)
        {
                throw family;
        }
    }
    catch (int family)
        cout << "Wrong choice opted\n";</pre>
        //goto next;
    }
    switch (family)
    case 1:
        price = price + 70; break;
        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;
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```
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- "<<pri>rice<<endl;</pre>
                      if(opt 4 == 1)
                           continue;
                           cout << "Enter Your Choice";</pre>
                      }
                      else
                           br eak;
                 }
                      br eak:
                  defaul t:
                      cout <<"Wrong option\n";</pre>
                      br eak;
             }
             //asking users for other ride options
             cout << "Do you want to try other rides also?\tClick 1 to continue: ";</pre>
             ci n>>opt 1;
             if(opt1 == 1)
                  continue;
             else
                  break:
    return 0;
}
```

case 7: