

***COMPUTER SCIENCE***  
***PROJECT***  
***FILE***  
***ON***  
***“ASTROLOGY***  
***SOFTWARE”***

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***Class: 12 ‘A’***

***Roll No: 57***

***Board Roll No:***

***Session: 2016-17***

## **CERTIFICATE**

*This is to certify that the technical report entitled “ASTROLOGY SOFTWARE” is a bonafide work carried out by “YUGAL PATHAK” bearing,in partial fulfillment of award of degree of Computer Science,subject of Saraswati Academy,Haldwani,during academic session 2016-17.*

*It is certified that all corrections indicated for internal-assesment have been incorporated.The project has been appved as it satisfies the academic requirement associated with the subject mentioned.*

**REMARKS:**

**TEACHER SIGNATURE:**

**EXTERNAL EXAMINER SIGNATURE:**

# ***ACKNOWLEDGEMENT***

*Here I am submitting the project on “ASTROLOGY SOFTWARE” as per CBSE guidelines.*

*In this connection I would like to express my deep sense of gratitude to my beloved institution “SARASWATI ACADEMY” and also I would like to express my sincere gratitude and indebtedness to “Mrs. JAYA JANTWAL”, respected Principal, Saraswati Academy, Haldwani.*

*I would like to express my sincere gratitude to Mrs. NEEMA LOHANI, my Computer Science teacher for providing a congenial environment and her guidance on my doubts to work in and carry out my project successfully.*

*Finally I am very much thankful to my parents and all my colleagues for their constant encouragement, support and help throughout the period of project construction.*

**-Yugal Pathak**

```
//*****
```

```
//                                HEADER FILE USED IN PROJECT
```

```
//*****
```

```
#include<iostream.h>
```

```
#include<conio.h>
```

```
#include<stdlib.h>
```

```
#include<stdio.h>
```

```
#include<math.h>
```

```
#include<dos.h>
```

```
//*****
```

```
//                                CLASS USED IN PROJECT
```

```
//*****
```

```
int i;
```

```
class kund
```

```
{char name[50];
```

```
int age,d,m;
```

```
long int y;
```

```
int h,mm,s;
```

```
public:
```

```
//*****
```

```
//                                FUNCTION DECLARATION
```

```
//*****
```

```

void in(void); //function to get data from user
void modify(void); //function to modify entered data
void dis(void); //function to show data on screen
void zodiac(void); //function to show western horoscope
void future(void); //function to give future of user based on chinese horoscope
void asign(void); //function to display animal sign of zodiac
void life(void); //function to tell life expectancy to user
void lucky(void); //function to tell user lucky charm
void horo(void); //function to display horoscope
}k; //class ends here

```

```

//*****

```

```

//                                FUNCTION TO INPUT DATA

```

```

//*****

```

```

void kund::in(void)

```

```

{cout<<"\nEnter detail:";

```

```

cout<<"\nFull name: ";

```

```

gets(name);

```

```

cout<<"\nAge: ";

```

```

cin>>age;

```

```

cout<<"\nBirth Day [1-31]: ";

```

```

cin>>d;

```

```

cout<<"\nBirth Month [1-12]: ";

cin>>m;

cout<<"\nBirth Year[1950-2010]:";

cin>>y;

cout<<"\nBirth time:";

cout<<"\nh:"; cin>>h;

cout<<"\nm:"; cin>>mm;

cout<<"\ns:"; cin>>s;

cout<<"\n*****
*****" <<endl;

}

//*****

//                      FUNCTION TO MODIFY DATA

//*****

void kund::modify(void)

{cout<<"\nEnter detail:";

cout<<"\nFull name: ";

gets(name);

cout<<"\nAge: ";

cin>>age;

cout<<"\nBirth Month [1-12]: ";

cin>>m;

cout<<"\nBirth Day [1-31]: ";

cin>>d;

cout<<"\nBirth Year[1950-2010]:";

```

```

cin>>y;

cout<<"\nBirth time:";

cout<<"\nh:"; cin>>h;

cout<<"\nm:"; cin>>mm;

cout<<"\ns:"; cin>>s;

cout<<"\n*****" <<endl;

}

//*****

//                                FUNCTION TO DISPLAY DATA

//*****

void kund::dis(void)

{cout<<"\nThe detail you entered is:" <<endl;

cout<<"Name:";

cout<<name<<endl;

cout<<"Age:" <<age<<endl;

cout<<"d.o.b:\n d d:";

cout<<d<<endl;

cout<<"mm:" <<m<<endl;

cout<<"yyyy:" <<y<<endl;

cout<<"\nbirth time:";

cout<<"\nh:" <<h;

cout<<"\nm:" <<mm;

cout<<"\ns:" <<s;

cout<<"\n*****" <<endl;

```

```

}

//*****

//                                FUNCTION TO DISPLAY ZODIAC

//*****

void kund::zodiac(void)

{ int date,mon;

date=d; mon=m;

if (date >= 21 && date <= 31 && mon==1 || date <= 18 && mon==2)

cout<<"\n Aquarius:\nAiry,Stubborn Eleventh sign\nSymbol:Water carrier\nRuling
Planet:Uranus\nAquarians are interesting and attractive people.They can be shy,
sensitive, gentle and patient or enthusiastic andlively with a tendency to be
exhibitionists. Both types are strong willed and forceful in their own way. Very
opinionated with strong convictions, they fight for what they believe in. They will
argue vehemently for what they believe to be true.\n";

else if(date >= 19 && date <=29 && mon ==2 || date <= 20 && mon==3)

cout<<"\n Pieces:\nCompromising Twelfth sign\nSymbol:Two Fish\nRuling
Planet:Neptune\nIts symbol represents a pair of sea horses or sea lions yoked together.
They dwell in the innermost regions of the sea, which is symbolic of life after death or
regeneration. The image also represents a duality, the struggle of the spiritual soul
within the physical body.\n";

else if (date >=21 && date <=31 && mon ==3 || date <= 20 && mon ==4)

cout<<"\n Aries:\nFiery First sign sign\nSymbol:The Ram\nRuling
Planet:Mars\nAries is the first sign of the zodiac, and is ruled by the Mars. This
represents offensive power and begins at the spring equinox. In Aries we move from
the potential to the actual; from dormant to active participation. Desire, initiative,
courage and action are words which best describe Aries.\n";

```



else if (date >=21 && date <=30 && mon ==4 || date <=21 && mon ==5)

cout<<"\n Taurus:\nEarthly Second sign\nSymbol:The Bull\nRuling Planet:Venus\nThe second sign of the zodiac, Taurus is ruled by Venus. The glyph represents the Bull, Taurus's symbol. The sign is concerned with the manifestation of the self, with basic needs being the foremost. Ruled by Venus, Taurus personalities tend to be driven by their affections rather than by emotions.\n";

else if (date >=22 && date <=31 && mon ==5 || date <=21 && mon ==6)

cout<<"\n Gemini:\nAiry Third sign\nSymbol:The Twins\nRuling Planet:Mercury\nThe third sign of the zodiac, Gemini is ruled by Mercury which represents intelligence inside matter. The glyph of Gemini symbolizes two pieces of wood bound together.\n";

else if (date >=22 && date <= 30 && mon ==6 || date <=22 && mon ==7)

cout<<"\n Cancer:\nWateryFourth sign\nSymbol:Crab,Moon\nRuling Planet:The Moon\nThe name derives from Latin, meaning literally, the crab. The ruler of the fourth sign of the zodiac is the Moon, the Crab, its symbol. The glyph is often seen as representing the breasts, indicating the area of the body ruled by Cancer. This is also seen as two crab claws, intertwined in a way which represents the dual nature of the Cancerian personality.\n";

else if (date >=23 && date <=31 && mon ==7 || date <=23 && mon ==8)

cout<<"\n Leo:\nFiery andFixed Fifth sign\nSymbol:The Lion\nRuling Planet:The Sun\nThe ruler of Leo is the Sun. The glyph is generally thought to represent the tail of the lion. It can also symbolize the heat or the creative energy of the Sun. On entering the sign Leo, the Sun is said to exemplify cosmic splendor. The meaning attached to this seems to be that both the good and bad characteristics associated with Leo are perpetual.\n";

else if (date >=24 && date <=31 && mon ==8 || date <=22 && mon ==9)

cout<<"\n Virgo:\nEarthy,Adaptable Sixth sign\nSymbol:Fertility Goddess\nRuling Planet:Mrcury\nThe ruler of Virgo is Mercury. The glyph is said to be connected to

the Immaculate Conception of the Messiah. It's symbol The Virgin originated from the star Spica in the constellation of Virgo.\n";

else if (date >=23 && date <=30 && mon ==9 || date <=23 && mon ==10)

cout<<"\n Libra:\nAiry,Sociable Seventh sign\nSymbol:The Scales\nRuling Planet:Venus\nLibra is the seventh sign of the zodiac and is ruled by the planet Venus which rules the natural seventh house. When a planet or house cusp contains Libra, it will show where one will strive for harmony, creativity and balance as indicated in the natal chart.\n";

else if (date >=24 && date <=31 && mon ==10 || date <=22 && mon ==11)

cout<<"\n Scorpio:\nWatery Eighth sign\nSymbol:Scorpion\nRuling Planet:Mars\nThe ruler of Scorpio is Pluto. Prior to the discovery of the ninth planet, Scorpio was ruled by Mars, which is still considered co-ruler. The sign of cosmic purpose, Scorpio is considered to be the success sign.\n";

else if (date >=23 && date <=30 && mon ==11 || date <=23 && mon ==12)

cout<<"\n Sagittarius:Adaptable Nineth sign\nSymbol:The Archer\nRuling Planet:Jupiter\nThe heart of Sagittarian lore stands the centaur Chiron, the figure of philosopher and teacher within Greek mythology. As a centaur, Chiron personifies the very soul of Sagittarius.\n";

else if (date >=24 && date <=31 && mon ==12 || date <=20 && mon ==1)

cout<<"\n Capricorn:\nEarthy Tenth sign\nSymbol:The Goat\nRuling Planet:Saturn\nCapricorn, whose constellation is known as Capricornus, is one of the oldest of the astrological interpretations.It is ruled by Saturn.Its symbol is the goat. This is sometimes depicted as a sea borne hybrid or Dolphin. The image is often an animal with the body of a goat and the tail of a fish.\n";

else

cout<<"\n INVALID birthday!\n";

}

```

//*****
//
//          FUNCTION TO CALCULATE LIFE EXPECTANCY
//*****

void kund::life(void)

{int td,tm,ad,am,tod,tom;

double ld,lm;

long int toy,ty,ly,ay;

cout<<"\nEnter current:"<<endl;

cout<<"Date:";

cin>>td;

cout<<"\nMonth:";

cin>>tm;

cout<<"\nYear:";

cin>>ty;


//age

ay=ty-y;

ad=td-d;

am=tm-m;

cout<<"\nYour age is:"<<endl;

cout<<"Years:"<<ay;

cout<<"\nMonths:"<<am;

cout<<"\nDays:"<<ad;


//tot life

toy=y+100;


//life

```

```

ly=(toy-ay)-2000;

if(ly>60)
{cout<<"\n\nYou are going to live more.....";}
else
{cout<<"\n\nCount your tasks on calender";}
cout<<"\n\nYour life is: "<<ly<<"years more";
}

//*****

//          FUNCTION TO CALCULATE ANIMAL HOROSCOPE

//*****

void kund::assign(void)

{int year;
cout<<"\nEnter your birth year(1950-2000):";
cin>>year;
cout<<"\nYour animal sign is:";

if (year==1960|| year==1972|| year==1984|| year==1996)
cout<<"\n RAT!!\n";

else if (year==1961|| year==1973|| year==1985|| year==1997)
cout<<"\n OX!!\n";

else if (year== 1950|| year==1962|| year==1974|| year==1986|| year==1998)
cout<<"\n TIGER!!";

```

```
else if (year == 1951|| year ==1963|| year ==1975|| year ==1987||year==1999)
cout<<"\n RABBIT!!";
```

```
else if (year ==1952|| year ==1964|| year ==1976|| year ==1988|| year ==2000)
cout<<"\n DRAGON!!";
```

```
else if (year ==1953|| year ==1965|| year ==1977|| year ==1989)
cout<<" \n SNAKE!!";
```

```
else if (year ==1954|| year ==1966|| year ==1978|| year ==1990)
cout<<"\n HORSE!!";
```

```
else if (year ==1955|| year ==1967|| year ==1979|| year ==1991)
cout<<"\n GOAT!!";
```

```
else if (year ==1956|| year ==1968|| year ==1980|| year ==1992)
cout<<"\n MONKEY!!";
```

```
else if (year ==1957|| year ==1969|| year ==1981|| year ==1993)
cout<<"\n ROOSTER!!";
```

```
else if (year ==1958|| year ==1970|| year ==1982|| year ==1994)
cout<<"\n DOG!!";
```

```
else if (year ==1959|| year ==1971|| year ==1983|| year ==1995)
cout<<"\n PIG!!";
```

```
else
```

```
cout<<"\n invalid";
```

```
}
```

```
/**
*****

```

```
//      FUNCTION TO CALCULATE FUTURE AS CHINESE HOROSCOPE
```

```
*****
**

```

```
void kund::future(void)
```

```
{cout<<"\nEnter a no. from 1 to 786:";
```

```
int n;
```

```
cin>>n;
```

```
int r;
```

```
for(i=n;i<786;++i)
```

```
r=(random(786-1+1)+1);
```

```
if((r>=20&&r<=40)|| (r>=100&&r<=175)|| (r>=290&&r<=375)|| (r>=456&&r<=560)|| (r>=615&&r<=786))
```

```
{cout<<"\nYou are very very lucky.You must thank your God";}
```

```
else
```

```
{cout<<"\nYou are gonna trobled soon!!!Pray for your sins";}
```

```
//*****
//                                FUNCTION TO CALCULATE LUCKY CHARM
//*****

void kund::lucky(void)
{
cout<<"Lucky Charm:";

cout<<"\nYour Lucky number is:";

int rnum,c;

for(i=0;i<5;++i)

rnum=((rand()%9)+1);

cout<<rnum;

cout<<"\nEnter a number(1-14):";

cin>>c;

char
col[][20]={"Red","Yellow","Indigo","Orange","Green","Gold","Cyan","Voilet","Blue",
"Black","White","Brown","Pink","Silver"};

cout<<"\nyour lucky cooler is:";

cout<<col[c];

int month;

month=m;

if (month==1 )

{cout<<"\nFlower:Snowdrop";

cout<<"\nBirthstone:Garnet";

cout<<"\nQuality:Constansy";}
```

```
else if (month==2)
{cout<<"\nFlower:Primrose";
cout<<"\nBirthstone:Amethyst";
cout<<"\nQuality:Sincerity";}

else if (month==3)
{cout<<"\nFlower:Daffodil";
cout<<"\nBirthstone:Aquamarine";
cout<<"\nQuality:Courage";}

else if (month==4)
{cout<<"\nFlower:Daisy";
cout<<"\nBirthstone:Diamond";
cout<<"\nQuality:Innocence";}

else if (month==5)
{cout<<"\nFlower:Hawthorn";
cout<<"\nBirthstone:Emerald";
cout<<"\nQuality:Happiness";}

else if (month==6)
{cout<<"\nFlower:Rose";
cout<<"\nBirthstone:Pearl";
cout<<"\nQuality:Purity";}

else if (month==7)
{cout<<"\nFlower:Larkspur";
```



```
cout<<"\nBirthstone:Ruby";  
cout<<"\nQuality:Friendship";}
```

```
else if (month==8)  
{cout<<"\nFlower:Poppy";  
cout<<"\nBirthstone:Peridot";  
cout<<"\nQuality:Felicity";}
```

```
else if (month==9)  
{cout<<"\nFlower:Morning Glory";  
cout<<"\nBirthstone:Sapphire";  
cout<<"\nQuality:Clear Thinking";}
```

```
else if (month==10)  
{cout<<"\nFlower:Calendula";  
cout<<"\nBirthstone:Opal";  
cout<<"\nQuality:Hope";}
```

```
else if (month==11)  
{cout<<"\nFlower:Chrysanthemum";  
cout<<"\nBirthstone:Topaz";  
cout<<"\nQuality:Fidelity";}
```

```
else if (month==12)  
{cout<<"\nFlower:Holly";  
cout<<"\nBirthstone:Turquoise Lapis";  
cout<<"\nQuality:Prosperity";}
```

```

}

//*****

//          FUNCTION TO CALCULATE HOROSCOPE

//*****

void kund::horo(void)

{char zodiac[50], horoscope[50];

int month,day;

month=m;

day=d;

if((month==1)&(day>=20)|(month==2)&(day<=18)){

cout<<"\nZodiac Sign:Aquarius";

cout<<"\nYour Horoscope: The Sun in your sign squares Saturn in Scorpio on April
11, while the Moon in Cancer opposes Venus in Capricorn. As a result, you're going
to feel as if your logic is flying in the face of what others call logic, and yet you're still
going to feel justified in your actions. You may have to be cautious in what you do
early in the year, but you're not going to be happy just bowing to the wishes of people
around you, either. ";

}

else if ((month==2)&(day>=19)|(month==3)&(day<=20)){

cout<<"\nZodiac Sign:Pisces";

cout<<"\nYour Horoscope:One thing to remember is to pace yourself. Some people
might be trying to take advantage of your good nature. With Mars and Saturn both in
Scorpio in August, someone might not even be too subtle about using you. Keep your
distance as best as you can, even if the devious person in question is the friend of
someone you care about. ";

}

else if ((month==3)&(day>=21)|(month==4)&(day<=19)){

```

```
cout<<"\nZodiac Sign:Aries";
```

```
cout <<"\nYour Horoscope: if you thought 2017 would be dull, think again. And again. And again! Because, for certain, this will be a year when you'll do a lot of reassessment. For some people, especially the Aries, this could threaten to sink into self-absorption. But with all that's happening, especially with the Capricorn Moon in late January causing a flurry of excessive self-examination, you certainly have the right to be introspective.";
```

```
}
```

```
else if ((month==4)&(day>=20))((month==5)&(day<=20)){
```

```
cout<<"\nZodiac Sign:Taurus";
```

```
cout <<"\nYour Horoscope: The Annular Solar Eclipse on April 28-29 should bring your social and private life to a pleasant and steady rhythm. The summer promises a more synchronized and steady routine that will allow you to stay focused on important tasks and chores while granting you the free time to get out and have fun with friends. ";
```

```
}
```

```
else if ((month==5)&(day>=21))((month==6)&(day<=20)){
```

```
cout<<"\nZodiac Sign:Gemini";
```

```
cout <<"Your Horoscope: Your aims this year are going to make you very single-minded. You will likely have a personal financial goal that will prompt a do-or-die feeling all year. You're going to face a number of planetary influences that will have you measuring your progress, thus giving you a concrete feeling of moving ahead. ";
```

```
}
```

```
else if ((month==6)&(day>=21))((month==7)&(day<=22)){
```

```
cout<<"\nZodiac Sign:Cancer";
```

```
cout <<"\nYour Horoscope: Dreams, ideas, and personal connections are going to be extremely valuable to you at the beginning of this year. You have a lot of ideas to sort through, and your friends can be very helpful in making this happen. Some of these ideas can seem very powerful, and others can seem a bit peculiar, but none of them should be dismissed. Jupiter is in your sign at the beginning of the year, and he's giving an approving nod to your idea-making. ";
```

```
}
```

```
else if ((month==7)&(day>=23))((month==8)&(day<=22)){
```

```

cout<<"\nZodiac Sign:Leo";

cout <<"\nYour Horoscope: Because of this, you're going to be faced with fresh,
interesting new challenges that might require you to be on your toes more often.
Friends may come to you with interesting puzzles for you to solve. Family may be
looking to you for advice that will help a loved one out of a crisis. ";

}

else if ((month==8)&(day>=23)|(month==9)&(day<=22)){

cout<<"\nZodiac Sign:Virgo";

cout <<"\nYour Horoscope:A friend or acquaintance will be amazed at what a
treasure trove of helpful information you are. At first, you may be dismissive because
you'll have so much on your plate you can barely think about yourself! But in the end,
this could well be a channel for a new network of friends or acquaintances, thus
opening up a new world for you! This is one of those times when just being yourself
will pay off a hundredfold. ";

}

else if ((month==9)&(day>=23)|(month==10)&(day<=22)){

cout<<"\nZodiac Sign:Libra";

cout <<"\nYour Horoscope: On one hand, this is going to increase your personal
network. On the other hand, you could find that people who need your skills will be
coming to you more often. While you definitely like to help now and again, you're
going to have to learn to say no occasionally if it severely interferes with your life. ";

}

else if ((month==10)&(day>=23)|(month==11)&(day<=21)){

cout<<"\nZodiac Sign:Scorpio";

cout <<"\nYour Horoscope: The level of familiarity you might have with friends,
acquaintances, and neighbors might be equally unnerving and exhilarating. But don't
worry! You'll be getting something out of it as well. ";

}

else if ((month==11)&(day>=22)|(month==12)&(day<=21)){

cout<<"\nZodiac Sign:Sagittarius";

```



```

//*****
*****

cout<<"*****WELCOME TO ASTROLOGY
SOFTWARE*****";

cout<<"\n Features:\nZodiac\nLifetime\nFuture Predictions\nAnimal sign\nLucky
charm\nChinese Horoscope"<<endl;

cout<<"*****\n";

cout<<"\n1. ENTER DETAILS\n2.DISPLAY DETAILS\n3.MODIFY
DETAILS\n4.EXIT";

cout<<"\nEnter your choice(1-4).";

cin>>mm;

switch (mm)

{case 1:k.in();

cout<<"\nWant to see data you entered??Press s:";

cin>>see;

if(see=='s' || see=='S')

goto se;

else

goto rty;

break;

case 2:se:

k.dis();

cout<<"\nWant to modify your details...press m:";

cin>>mo;

if(mo=='m' || mo=='M')

goto modife;

else

goto rty;

```

```

break;

case 3:modife:
k.modify(); goto rty;
break;
case 4:exit(0);
break;
default:cout<<"\nYou have entered a wrong choice!!!!\nPlease enter a valid input";
break;} //welcome screen ends

rty: //label to main menu

cout<<"\n*****
*****\n";

cout<<"\nMAIN MENU:\n\n1.Zodiac Horoscope\n2.Lifetime\n3.Future\n4.Animal
Sign\n5.Lucky charm\n6.Horoscope\n7.EXIT";

cout<<"\nEnter your choice(1-7)";

cin>>ch;

switch (ch)
{case 1:k.zodiac(); goto rty;
break;

case 2:k.life(); goto rty;
break;

case 3:k.future(); goto rty;
break;

case 4:k.asign(); goto rty;
break;

```

