



Kod grafik berwarna (bulatan pada bahagian dalam anak bulan):

*Imej di atas yang terhasil daripada kod di bawah ini telah dikecilkan skalanya kepada 0.5cm per unit.

```
\definecolor{biru} [c=1,m=1.0,y=0,k=0]
\definecolor{merah} [c=0,m=.95,y=1,k=0]
\definecolor{kuning} [c=0,m=.09,y=1,k=0]

\startMPcode
draw image ( picture Jalur; Jalur := image (
  fill fullsquare xysized (14,8) withcolor \MPcolor{biru};
  path p; p:=fullsquare xscaled 14 shifted (0,3.5); forsuffixes i=0,2,4,6:
  fill p shifted (14,-i ) withcolor \MPcolor{merah};
  fill p shifted (14,-i-1) withcolor white; endfor; forsuffixes i=8,10,12:
  fill p shifted (3.5,-i ) xscaled 2 withcolor \MPcolor{merah};
  fill p shifted (3.5,-i-1) xscaled 2 withcolor white; endfor; )
  scaled 1cm; draw Jalur;

  path Bulan; Bulan := fullcircle scaled 6cm;
  fill Bulan shifted (-1.25cm,0) withcolor \MPcolor{kuning};
  fill Bulan scaled .889 shifted (-.583cm,0) withcolor \MPcolor{biru};

  Ra=1cm; Rb=2.5cm; d=360; n=28; path q; q:=fullcircle scaled 2cm; % Bintang %
  for i=0 step 2 until 26: fill ((Ra*cosd(d*i/n),Ra*sind(d*i/n)) --
    (Rb*cosd(d*(i+1)/n),Rb*sind(d*(i+1)/n))--(Ra*cosd(d*(i+2)/n),Ra*sind(d*(i+2)/n))
    -- origin -- cycle) shifted (1.75cm,0) withcolor \MPcolor{kuning};
  endfor; fill q shifted (1.75cm,0) withcolor \MPcolor{kuning}; %to hide image noise
) scaled .75; setbounds currentpicture to boundingbox currentpicture enlarged 3mm;
addbackground withcolor "lightgray";
\stopMPcode
```