Nama : Arie Farchan Fyrzatullah

Kelas : IT-47-05

NIM : 103032330094

SepedaMotor.java

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| import java.time.LocalDateTime;  import java.time.format.DateTimeFormatter;  public class SepedaMotor {  protected String warnaMotor;  protected int ukuranTangki;  protected LocalDateTime waktuIsiBensin;    public SepedaMotor(String warnaMotor) {  this.warnaMotor = warnaMotor;  this.ukuranTangki = 3;  this.waktuIsiBensin = null;  }  public void isTangkiFull() {  this.waktuIsiBensin = LocalDateTime.now();  }  public LocalDateTime cekKapanHabis() {  if (waktuIsiBensin == null) {  return null;  }  return waktuIsiBensin.plusHours(ukuranTangki + 1);  }  public boolean jalan() {  if (waktuIsiBensin == null) {  System.out.println("Bensin habis, sepeda motor tidak dapat jalan");  return false;  } else {  System.out.println("Sepeda motor sedang berjalan");  return true;  }  }  protected String formatWaktu(LocalDateTime waktu) {  if (waktu == null) return "Belum diisi";  DateTimeFormatter formatter = DateTimeFormatter.ofPattern("yyyy-MM-dd HH:mm");  return waktu.format(formatter);  }  } |

YahamaMoi.java

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| public class YahamaMoi extends SepedaMotor {  public YahamaMoi(String warnaMotor) {  super(warnaMotor);  this.ukuranTangki = 5;  }  @Override  public boolean jalan() {  if (waktuIsiBensin == null) {  System.out.println("Bensin habis, sepeda motor tidak dapat jalan");  return false;  } else {  System.out.println("Sepeda motor sedang berjalan");  System.out.println("Bensin akan habis pada " + formatWaktu(cekKapanHabis()));  return true;  }  }  } |

HondaBaet.java

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| import java.time.LocalDateTime;  public class HondaBaet extends SepedaMotor {  public HondaBaet(String warnaMotor) {  super(warnaMotor);  this.ukuranTangki = 4;  }  @Override  public boolean jalan() {  if (waktuIsiBensin == null) {  System.out.println("Bensin habis, sepeda motor tidak dapat jalan");  return false;  } else {  System.out.println("Sepeda motor sedang berjalan");  System.out.println("Motor Baet akan habis bensin pada " + formatWaktu(cekKapanHabis()));  return true;  }  }  } |

Main.java

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| public class Main {  public static void main(String[] args) {  SepedaMotor sp = new SepedaMotor("Hitam");  HondaBaet hb = new HondaBaet("Biru");  YahamaMoi ym = new YahamaMoi("Merah");  System.out.println("Status Awal Sepeda Motor:");  System.out.println(sp.jalan());  System.out.println();  System.out.println("Status Awal HondoBaet:");  System.out.println(hb.jalan());  System.out.println();  System.out.println("Status Awal YahamaMoi:");  System.out.println(ym.jalan());  System.out.println();  System.out.println("-----------------------------");  sp.isTangkiFull();  hb.isTangkiFull();  ym.isTangkiFull();  System.out.println("Status Terbaru Sepeda Motor:");  System.out.println("Waktu Saat ini: " + sp.formatWaktu(sp.waktuIsiBensin));  sp.jalan();  System.out.println(sp.formatWaktu(sp.cekKapanHabis()));  System.out.println();  System.out.println("Status Terbaru HondoBaet:");  System.out.println("Waktu Saat ini: " + hb.formatWaktu(hb.waktuIsiBensin));  hb.jalan();  System.out.println();  System.out.println("Status Terbaru YahamaMoi:");  System.out.println("Waktu Saat ini: " + ym.formatWaktu(ym.waktuIsiBensin));  ym.jalan();  }  } |

Output

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